YORKSHIRE PHILOSOPHICAL SOCIETY.

BRITISH MUSEUM NATURAL HISTORY

ANNUAL REPORT

FOR

MCMXVI.

ANNUAL REPORT

OF THE COUNCIL

OF THE

YORKSHIRE

PHILOSOPHICAL SOCIETY

FOR

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BRITISH MUSEUM
NATURAL HISTORY

PRESENTED TO THE ANNUAL MEETING,

FEBRUARY, 1917.

YORK:
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1917.

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OF

THE YORKSHIRE MUSEUM,

APPOINTED BY ROYAL GRANT,

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SUB-CURATOR: W. Watson.

REPORT OF THE COUNCIL

OF THE

YORKSHIRE PHILOSOPHICAL SOCIETY,

FEBRUARY, 1917.

NOTWITHSTANDING the War the past year has been an important one in the history of our Society. It has been said that a Museum should be a collection of labels with specimens to illustrate them, and though to most people the specimens are of greater interest, there is no doubt that without proper labels the specimens lose a great part of their value.

The Curators and staff of the Museum have devoted a vast amount of labour to this very necessary work during 1916, not only Mr. Harvey Brook in the Architectural Section but in nearly every other branch of the Society's Collections. The Botanical Garden has been re-arranged by Mr. H. J. Wilkinson and every specimen classified and labelled. The Yorkshire Geological Galleries, under the supervision of the Rev. W. Johnson, have been thoroughly cleaned, the specimens washed, re-mounted and labelled by Mr. Wm. Watson and his assistant (Miss Holmes), and their work has been so much appreciated by your Council that they have revived the old title of Sub-Curator of the Museum and conferred it upon Mr. Wm. Watson.

Largely owing to the interest aroused by the article in last year's report upon 'Yorkshire Potteries' by Mr. Oxley Grabham, the Society's Collection has been considerably increased during the past year. Mr. T. Boynton in August last most generously presented almost the whole of his valuable Collection of Leeds and other Yorkshire Ware, which is now in the gallery of the

It is urgently requested that any discovery of Archæological interest in the neighbourhood may be brought to the notice of either the Chairman, Honorary Curators, or the Keeper of the Museum as early as possible.

The Keeper of the Museum will be pleased to give any information in his power, and may be seen daily, Museum engagements permitting.

Postcards of many of the most important antiquities may be obtained in the Museum at Two Pence each.

Central Hall, and Mr. A. Hurst has also made many valuable gifts of specimens. To both of these gentlemen your Council tender their grateful thanks. The whole of the Pottery additions have been labelled by Mr. Oxley Grabham and Mr. Hurst with the names of the potteries where they were produced, and cases have ben arranged round the ground floor of the Central Hall where further additions to the Collection can be exhibited.

An interesting link with the past history of our Society was severed by the death of Miss Baines on the 22nd May, 1916. She was born in the Museum basement where her parents resided, and almost the whole of her long life of over 80 years was spent in the service of the Society. She well remembered Professor Phillips, the Rev. C. Wellbeloved, and Rev. J. Kendrick. Her father, Henry Baines, was Sub-Curator of the Museum from 1829 to 1878, and Miss Baines delighted to recount how in the early days of our Society a small menagerie was kept in the Gardens, including a bear, a golden eagle, and several monkeys. The bear got loose and chased Professor Phillips and the Rev. Vernon Harcourt into an outhouse, and was afterwards sent by stage coach to the London Zoological Gardens in charge of Henry Baines.

In July a very successful performance of scenes from the pageant play of "Drake," by Mr. Louis N. Parker, was given in the Museum Gardens, in aid of the military and other hospitals, and a substantial sum was raised. Mr. Parker conducted the rehearsals in person, and though on a smaller scale the performance in many ways recalled the great Pageant of 1909.

As a memento of "frightfulness" an Incendiary Bomb, dropped by a Zeppelin airship in the neighbourhood, was presented to the Society by the Lord Mayor, and has been appropriately placed in one of the large cases in the Central Hall with the thumb screws and branding irons of mediæval times.

Owing to the continued absence of Mr. Platnauer on military service, Mr. Gayner has been appointed Assistant Curator for the Library, and under his energetic management good progress has been made with the catalogue, and a Library

Committee has been formed whose report will be found on page xii of this Report.

The following is a full list of the Lectures delivered in the Tempest Anderson Hall. We regret that owing to lighting restrictions the attendance has not been as good as usual, as the lectures have been of a particularly interesting character.

Thursday, January 6th.—"The Coastwise Lights of England." By Miss G. Bacon.

Thursday, January 20th.—"The Spider as an Engineer." By F. W. Saxby.

Thursday, February 3rd.—"The House Fly in War Time." By John J. Ward.

Thursday, February 17th.—"On Taking a Holiday." By Edgar Bellingham.

Thursday, March 2nd.—"Cambridge and its Colleges." By the Rev. Jocelyn Perkins.

Thursday, March 16th.—"The End of the War and Afterwards." By F. E. Tillemont Thompson.

Thursday, October 8th.—"The Dead Cities of the Zuider Zee." By Edgar Bellingham.

Thursday, October 19th.—"The Land of the Dons." By the Rev. Alec Taylor, M.A.

Thursday, November 2nd.—"Signs and Wonders in the Heavens." By Miss G. Bacon.

Thursday, November 16th.—"The Advance to Bagdad and the Fall of Kut." By James Reid.

Thursday, November 30th.—"Secrets in Sands." By C. Carus Wilson, F.R.S.

Thursday, December 14th.—"The Empires of the World and the Men who made them." By the Rev. F. Paton Williams.

The following Papers were read at the Monthly Meetings of the Society during 1916:—

January 16th.—"The Churches of York." By J. H. Hill.

March 13th.—"A Long Day in the Italian Alps." By George Yeld.

April 10th.—"Maiden Hair Tree," (with Microscopic Specimens to illustrate his lecture). By J. S. Gayner.

October 7th.—"Life in a Mediæval Castle." By C. E. Hodgson.

November 13th.—"Mediæval Women in Fact and Fiction." By Dr. Maud Sellers.

December 11th.—"The Sight of Birds." By C. E. Elmhirst.

All the above Lectures and Papers were with Lantern Illustrations.

During the past year the Society has lost by death and resignation 36 members, 14 lady subscribers, and 3 associates, whilst 25 new subscribers have joined the Society.

The death of the Very Rev. the Dean of York (A. P. Purey-Cust) will be much felt by our members. The late Dean was our senior Vice-President, and until failing health and advanced years restricted his energies was a constant attendant at our Council meetings and took a very lively interest in our Society. It is not yet a year ago that he received a deputation from your Council, who waited upon him to request his sanction to the erection of a memorial tablet in York Minster to our late President, Dr. Tempest Anderson. That sanction he cordially gave. The tablet is almost completed, and it is hoped that it will shortly be placed on the north aisle of the choir.

The Council recommend that the Rev. W. Johnson, Dr. Bedford Pierce, Dr. Evelyn, and Mr. Potter-Kirby be new Members of Council in place of those retiring by rotation. That Messrs. T. Boynton and W. Cooper be new Vice-Presidents, and subject to alteration of rule Messrs. Chas. E. Elmhirst and H. J. Wilkinson.

ARCHÆOLOGY.—A few additions have been made to the Collection in the Archæological Museum and placed in the large room under the Lecture Theatre, probably the most striking being the setting up of the arch found in forming St. Leonard's Place, and for many years lying in separate stones in the Ambulatory of St. Leonard's Hospital ruins. In the small buttress wall supporting the newly-set-up arch, has been built in the interesting piscina formerly in the Abbey Church of St. Mary, given some time ago by Mr. F. Rowntree.

Several caps from the demolished church of St. Maurice, and an arch stone from the arcade of the Norman Abbey Church of St. Mary, York—the predecessor of the ruined church we now see—with very bold and novel treatment of the chevron ornament have been added to the store of fragments.

Three arch stones, and a cap, richly ornamented, Middle Norman Period, found at the corner of Piccadilly and Pavement, by the courtesy of the architect, Mr. Brierley, and the

generosity of the owner of the property, Mr. Barton, have been given. The arch stones are enriched by small figures in circular bands and are unlike anything yet found in York. The cap is of rich interlaced band and leaf ornament, not unlike one found in the west wall of Holy Trinity Priory in 1903, and placed on a bracket on one of the nave piers in that church.

A group has been made of arcade caps from St. Mary's Abbey, which although much weathered, form a valuable study for students of architecture.

A very rich, late Norman arch stone, one of a series of signs of the zodiac, with a carved soffit of an unusual type, with many other interesting stones have been given to the Collection.

The curators of archæology would be most grateful for further donations of curious and interesting stones of the mediæval period, from members and friends. There still remain in private possession many hundreds of beautiful fragments gleaned from the ruins of the buildings of mediæval York, which accident or purchase have placed in the temporary possession of individuals. These fragments are rarely seen, and in many cases are quite unknown, or covered with garden foliage and lost.

It should be the endeavour of York citizens, and especially of the members of the Philosophical Society, to increase the Museum Collection by presenting the most interesting fragments in their possession to it, so that *all* may enjoy and profit by the delightful and incomparable examples of mediæval mason craft. Were this effort taken up as it might be, our Collection would be more worthy and representative of this ancient city.

BOTANY.—*Herbarium:* The work done in this department is as follows:—

I beg to record my thanks to Mr. Arthur Bennett, Croydon, Surrey, and also to Corporal A. Templeman (of the Royal Scots Greys), for their contributions to the Society's Herbarium, which will be found on page xxxix.

To enable me to complete my "Notes on the Herbarium," I shall be pleased to receive any criticisms or observations from those who are interested in the Herbaria, relating to:

(*a*) The donors and collectors of the specimens.

(*b*) Changes that have taken place in such Yorkshire localities as Terrington Carr, Staveley Carr, Leckby Carr, and Strensall Common.

(*c*) The extinction or introduction of plants in Yorkshire from 1760 to 1916.

I regret to say that many specimens in the Herbaria are without date or locality. These are chiefly from the following:

Sir James E. Smith, Founder of the Linn. Society (1788).

Sir Thomas Gage, of Suffolk, who collected many plants in Yorkshire about the year 1880.

Stephen Robson, of Darlington, author of "Robson's British Flora," which was published at York in 1777, and the Rev. Richard Relhan, F.L.S. (1878), author of "Flora Cantab."

I hope to obtain information respecting some of these specimens, and will then fill in the missing numbers in the catalogue.

Botanical Garden:—Many members and visitors have been interested in the garden this year (1916).

I beg to record my thanks to Mr. John S. Gayner, for his kindness in presenting to the Society some very interesting plants, which will be found enumerated on page xxxix. Also to Mrs. Gayner for her valued services in the arrangement and exhibition in the Museum of the flowering plants, mosses, and fungi, etc., from York and district; and to Mr. George Webster for his assistance in the Herbarium and Garden.

ENTOMOLOGY.—There has been nothing added to the Collections during the past year. The specimens and cabinets remain in good order and condition. A few distinguished entomologists have visited the Museum to inspect the Allis Collection of British Lepidoptera, amongst them being a former president of the Entomological Society, the Rt. Hon. Lord Walsingham.

GEOLOGY.—The work of this Section has been mainly confined to the overhauling of the exhibits in the cases. Labels have faded and become covered with dust through long exposure. The Council engaged Miss Holmes to undertake the

work of re-mounting and re-labelling all these exhibits under the watchful care of the Sub-Curator, Mr. W. Watson. The work is being done to the entire satisfaction of the Council. The re-arrangement of exhibits is adding much space for the display of many valuable specimens not previously shown. As the cases themselves are being re-painted the whole department appears to be renewed.

A special gift of fossils from the Kilkenny beds of Ireland has been made to the Museum by Professor J. Johnson, D.Sc., F.L.S., M.R.I.A., to whom the formal thanks of the Council were sent.

LIBRARY.—There is little change to note in the matter of the Serial Publications which the Library receives by donation and purchase. Among those received by donation, special mention must, however, be made of the Transactions and Proceedings of the Royal Society, sent on to us by the Rev. Professor T. G. Bonney, F.R.S. The list of those purchased is as follows, and the donations appear in their usual place in the Report.

Archæological Association, Journal of the British.
Archæological Journal, Yorkshire.
Birds, Thorburn's British.
Charters, Farrer's Early Yorkshire
Connoisseur.
Geological Magazine.
Knowledge.
Mammals, History of British, by B. Hamilton.
Mollusca of the British Isles, by John W. Taylor.
Museums Journal.
Nature.
Natural History, Annals and Magazine of.
Nautical Almanack.
Numismatic Chronicle.
Palæontographical Society, Publications of the.
Palæontog. Suisse, Memoirs de la Societe.
Parish Register Society, Yorkshire.
Ray Society, Publications of the.
Spink's Circular.
Surtees Society, Publications of the.
Thoresby Society Publications.
Yorkshire Geological Society, Proceedings of.

The last of these, the Proceedings of the Yorkshire Geological Society, has yielded us "A Bibliography of Yorkshire Geology," by T. Sheppard, M.Sc. etc., perhaps the greatest aid to the study of the natural features of the county since the publication of Prof. Phillips' great classics on the "Geology of Yorkshire." There is no other county which can boast such a work.

Of individual donations, two of great interest may be remarked, one, a nicely bound copy of Part 3 of the Victoria and Albert Museum Portfolios dealing with Tapestries, presented by the Victoria and Albert Museum, and bound at the cost of an anonymous donor. This book is of great value to us, as for the first time we possess in it a careful and well illustrated account of the fine Sheldonian Tapestries presented to the Y.P.S. by Archbishop Harcourt in 1831. The second gift to be noted is a complete set of the "Penny Cyclopædia," which we owe to the generosity of another self-effacing donor. It is of value to us, not only for its historical importance, its wealth of wood-cut illustrations, and its clear articles from the pen of Richard Owen and others of its period (1833-44), but also because it contains an important review of the Science of Geology from the pen of Prof. Phillips, written when he was Keeper of the Society's Museum.

The subject of "Yorkshire Pots and Potters" has been much before the Society in recent years. The new cases in the first floor of the old theatre provided the facilities for an improved display of a selection of the pottery possessed by the Society. Mr. Grabham's lecture in February, 1913, on "Yorkshire Pottery," his monograph on "Yorkshire Potteries, Pots, and Potters," which was issued with last year's Report, the gifts and loans of Yorkshire Pottery by Mr. T. Boynton and Mr. A. Hurst, have all tended in the same direction, and members may be interested to know that the following are in the Library :—

Birch, Samuel. History of Ancient Pottery. 1873.

British Museum. Guide to English Pottery and Porcelain. 1910.

Burlington, Fine Arts Club. Catalogue of Collection of Early English Earthenware and other Works of Art. 1913.

,, Exhibition of Early English Earthenware. 1914.

Burton, Wm. English Earthenware. 1904.

Chaffers, Wm. Collector's Handbook of Pottery and Porcelain. 1906.

Church, Sir A. and Reeks. Trenham. Catalogue of Specimens in the Museum of Practical Geology. 1871.

Earle, Maj. C. Earle Collection of Early Staffs. Pottery.

Hodgkin. J. Elliot and Edith. Exhibition of Early English Pottery. 1891.

Kidson, Jos. K. F. Historical Notices of Leeds Old Pottery. 1872.

Victoria History of York. 1912, Vol. 2.

Sellers, Maud, D.Litt. Pottery.

and that through the courtesy of Mr. Grabham the following are available for reference :—

Catalogue of Pottery and Porcelain in the Collection of L. M. Solon. 1912.

Downman, Ed. A. English Pottery and Porcelain. 1904.

Handbook of "Old Leeds" Exhibition, held City Art Gallery. 1908.

Lomax, Charles J. Quaint Old English Pottery. 1909.

Janiver, Charles. Practical Keramics for Students. 1880.

Jewitt, Llewellyn. Ceramic Art of Great Britain. 1878.

Royal Museum, Peel Park. Catalogue of Collection of English Pottery Figures. 1906.

Solon, L. M. The Art of the Old English Potter. 1885.

We desire to thank the Council for the sympathetic attitude they have adopted in regard to the provision of money to buy books, and in the still more important matter of staff to render accessible the books already in the possession of the Society.

METEOROLOGY.—*Statistics of Station* :—Longitude, 1° 5′ W.; Latitude, 53° 57′ N.; height above mean sea level, 56 feet.

The weather of 1916 can hardly be described as ideal, real summer weather being limited to about one week. The ripening of crops and fruit was retarded, and general conditions were favourable to the development of disease among potatoes.

The shifting of the c.g. of the rainfall from the west towards east, noted in last year's report, is again noticeable and is well exhibited in the chart illustrating the report on the British rainfall published in "The Times."

Temperature ranged in 1916 between 21° F., which was recorded on December 20th, and 82° F. which was taken on August 5th, the range of temperature—62° F.—being 2° F. more than for 1915, but 6° F. below the range for 1914.

In respect of barometric pressure it should be remembered a new unit—the millibar—has been adopted, and that 1000 millibars=29·531 mercury inches.

A *Mean Pressure* of 1011 mbs. has been recorded as against a pressure of 1012·5 mb. for 1915. December was lowest with 1003·2 mbs., November next with 1006·0 mbs, and February next with 1006·9 mbs. January and September both reached 1017·4 mbs. and July 1016·5 mbs. The extreme range of pressure was 62·3 mbs. as compared with 73·1 mbs. for 1915. The highest reading of the barometer was taken on January 31st, 9 p.m., viz.: 1033·8 mbs., and the lowest—971·5 mbs.—on November 5th at 9 p.m.

Rain or Snow fell to the amount of 607 mm. The heavy rainfall of the year occurred in August (80 mm.), March and October (72 mm.), and February (69 mm.) There is a reduction in the rainfall, 18 mm., as compared with 1915, York being one of few places so favoured. The largest fall on one day occurred on August 16th, when 18 mm. fell. Our driest months in 1916 were January, April, and September, when the falls were 19, 25, 26 mm. respectively. The cumulative totals for the wettest months since 1820 are now :—October 5107 mms., August 5085 mms., and July 4803 mms.

Observations of winds show that during 1916 we have had "strong" winds on 65 days as against 45 for 1915, and "calms" on 10 days as against 12 for 1915. The chief winds have been observed as W. (302), S. (234), N. (155), E. (102), N.W. (99), S.W. (81). We have had 31 days of "clear" sky, and 130 days "overcast," as compared with 41 and 107 respectively for 1915. The consequence of this was the ruining or overlapping of the harvest. There have been 14 thunderstorms and 34 fogs as compared with 14 thunderstorms and 20 fogs for 1915. Snow fell on 29 days as against 17 for the previous year.

Bright Sunshine was observed for 1139 hours as compared with 1337 for 1915, a reduction from 30 % to 26 % of the possible.

MINERALOGY.—Very few additions have been made in this department during the past year, but the Collections are maintained in their usual standard of excellence.

NUMISMATICS.—The Collections are in good order. A Paper by the Hon. Curator on "Some rare Saxon Coins" will be found on page 1.

ORNITHOLOGY.—Both in skins and mounted specimens the Collections are gradually increasing. Whilst we possess many of the rarer birds of the County, we are still in want of some of the common species.

ZOOLOGY.—Several additions have been made to the collections of skins and mounted mammals. We still need a large tench, a large carp, and a large burbot, to add to our fine collection of Yorkshire Fishes.

FIELD NATURALISTS' SECTION.—Your Committee have to report that in spite of the troublesome times through which the country is passing, the interest in this Society has been well maintained, the meetings have been well attended, and much enthusiasm has been shown in the discussions which have followed the various lectures and papers.

During the summer a number of field excursions were held, the first of which was to Moreby Park and the Heronry of Stillingfleet, the members were pleased to see 16 pairs of birds breeding in Stillingfleet Wood, and later in the summer the keeper informed me that all the young were successfully reared. Our second excursion was to Sandburn, and on Saturday, June 17th, Castle Howard was visited. Rambles on Clifton Ings and in Askham Bogs also took place, and on August 2nd, Mr. H. J. Wilkinson conducted a number of members round the Museum Gardens and explained the work which was being done in the Botanical Garden. On Saturday, August 5th, a most enjoyable afternoon was spent by a large party on Skipwith Common.

The first meeting of the Winter Session was held in the Tempest Anderson Hall on September 27th, when our President gave a lecture on "Some Yorkshire Gymnosperms, recent and fossil," illustrating his remarks with a large number of lantern slides, books, and specimens.

At the following meeting Mr. H. J. Wilkinson spoke on "The Flora of Strensall Common," he showed a large number of herbarium specimens of flowering plants from that locality, pointing out the difference of aquatic and terrestrial plants and the influence of man on the flora, he also desired to place on record the services of Corpl. Templeman who, whilst stationed at the camp during 1916, had discovered a colony of bee orchis and the rare bladderwort (*Utricularia intermedia* and *Utricularia ochroleuca*); in addition to these he had confirmed the following records, the meadow rue, allseed, buckthorn, whortleberry, cranberry, meadow thistle, sawwort, small skullcap, chaffweed, bellwort, and adder's tongue. During the evening Mr. H. J. Wilkinson proposed, and Mr. Zimmerman seconded, that Corpl. Andrew Templeman, of the Royal Scots Greys, be elected honorary member of this Society. The President, in supporting Mr. Wilkinson's proposal, spoke of the enormous amount of work which he had done during his stay at Strensall camp, and on putting the proposition to the meeting Corpl. Templeman was unanimously elected.

On October 25th, Mr. F. A. Woolley, C.E.B.B.A., of Boroughbridge, gave a most instructive lecture on "The Honey Bee," the remarks of the lecturer were made extremely interesting by a fine series of photographs thrown upon the screen, and a large number of live specimens were shown.

At the following meeting Mr. Geo. Webster read a paper on "Equisetum" (horsetails), a remarkable genus of plants, illustrating his observations by numerous specimens. Another most interesting paper was the one by Mr. J. H. Evers, who told us about "Fruits and their dispersal."

At the meeting arranged for November 22nd, Counc. J. E. Gibbs ought to have given a lecture on "Angling," but owing to a serious illness he was unable to attend. To fill the gap Mr. Gayner had arranged with Mr. J. A. Dell, M.Sc., of Bootham School, who gave a most interesting lecture on "The Life History of some Common Trees," illustrating his remarks with numerous lantern slides, drawings, and models.

At the December meeting Mr. W. Bellerby read a paper entitled "An Introduction to the study of British Agaricinæ," he also exhibited a large number of beautiful water colours of the various species, he described the various species of fungi and explained how the edible fungi might be distinguished from the poisonous varieties.

At our first meeting in January, Mr. A. Smith read a paper on "Some Common Strensall Moths," and your Secretary read one on "Birds which breed on Strensall Common."

On Wednesday, January 24th, Mr. Oxley Grabham, M.A., M.B.O.U., the Curator of the Museum, gave an illustrated lecture on "Natural History as represented by the Art of the Potter."

During February Mr. T. J. Martin read a most excellent paper, which had been written by Miss Leeming, entitled "Weeds in an Old Garden."

The lecture by Mr. W. Ingham on "The Buttercup Family" was much appreciated. Mr. Ingham described the British buttercups, both land and aquatic, and showed specimens illustrating the influence of still and running water on plant life; the mode of growth and distribution of the creeping and bulbous buttercups were referred to and their life history described. Specimens of the meadow rue, columbine, larkspur, globe flower, and marsh marigold were exhibited and ably described by the lecturer.

Another interesting paper was the one read by Mr. Geo. Machin, who took for his subject "The Birds which breed twixt Highway and Hedge," enumerating in this category those that nidify amidst the grass, scrub, and in the ditch banks by the highway side, describing the exact site of the nest as well as its construction, the colour and colouration of the eggs.

At our last meeting Mr. J. A. Dell M.Sc., gave a lecture on "The Variations of the Common Wasp."

The reading of the Sectional Officers' reports on Botany, Conchology, Entomology, and Ornithology prove that great interest is still taken in natural history, and that a great amount of field work has been accomplished and numerous observations made.

At the various meetings a large number of exhibits have been shown, some of which were rare and interesting.

With regard to our membership, at the last annual meeting we had 79 members on the register, 8 new members have been elected, Mr. W. C. Hodgson has passed away, 2 resigned, 4 have been struck off, leaving 80 members, an increase of 1 on the year.

The following members are serving in His Majesty's Forces: Lieut. G. W. Phillips, Lieut. E. W. Taylor, Arm.-Sergt. S. H. Smith, Corpl. Andrew Templeman, Corpl. H. Varey, Pte. R. Moore, Pte. G. E. Proctor.

M.O .Form 302.

NORMAL CLIMATOLOGICAL STATION, YORK.—THE MUSEUM.

Latitude 53° 57′ N., Longitude 1° 5′ W. Gravity Correction + 0·8 mb. Height above Mean Sea Level 56 ft.

1916.	Mean Pressure corrected to 32° F. and Lat. 45°		Temperature		Humidity.						Amount of Cloud. 0—10.		Number of days of		Wind, No. of Observations reduced to a total of 93, 90 or 87 for the month.										
	Station Level.	M.S.L. and corrected for diurnal variation.	9 a.m.	9 p.m.	Depression of Wet Bulb. 9. am.	Depression of Wet Bulb. 9 p.m.	Vapour Pressure. 9 a.m.	Vapour Pressure. 9 p.m.	Percentage. 9 a.m.	Percentage. 9 p.m.	9 a.m.	9 p.m.	Clear Sky.	Overcast.	Wind Force 8 and above	Strong Wind (4—7)	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	mb.	mb.	°	°	°	°	mb.	mb.	%	%															
Jan.	1015·6	1017·4	44 5	45·6	2·3	2·4	8·2	8·6	83	82	7·3	6·5	2	12	0	11	2	3	0	0	1	26	13	41	7
Feb.	1005·2	1006·9	37·0	37·4	1·6	1·6	6·4	6·5	86	86	6·6	6·1	1	9	0	8	0	14	12	9	0	15	12	22	3
Mar.	1005·4	1007·1	38·1	36·9	1·9	1·4	6·5	6 5	84	89	7·4	7·0	4	17	0	3	0	29	19	20	0	1	6	12	6
April	1009·6	1011·3	47·0	45·2	3·7	3·2	8·1	7·8	75	77	5·4	4·0	6	5	0	3	3	18	3	2	3	13	3	35	10
May	1011·6	1013·3	54·5	51·9	4·4	2·9	10·5	10·5	73	81	5.8	5·5	3	8	0	2	0	12	2	10	6	18	8	31	6
June	1010·7	1012·4	54·1	51·7	4·3	2·9	10·4	10·5	73	81	7·6	7·1	1	15	0	6	2	18	4	5	0	10	3	35	13
July	1014·7	1016·5	59·3	58·0	3·5	2·9	13·5	13·4	79	82	7·3	6·2	2	10	0	3	0	6	7	14	4	11	4	33	14
Aug.	1011·2	1012·8	60·5	59·4	3·2	2·8	14·4	14·2	81	84	6·3	5·6	3	9	0	0	0	8	3	9	4	23	6	24	16
Sept.	1015·7	1017·4	53·7	54·0	2·6	2·6	11·5	11·6	83	82	6·3	5·1	1	6	0	6	1	14	3	14	9	21	1	15	12
Oct.	1006·4	1008·1	49·9	50·0	2·4	2·4	10·1	10·2	85	84	7·8	6·7	2	16	0	20	0	8	1	3	12	32	16	20	1
Nov.	1004·3	1006·0	44 3	43·9	2·0	2·0	8·3	8·2	84	85	6·7	7·1	2	13	0	3	0	3	0	12	8	39	4	20	4
Dec.	1001·4	1003·2	34·9	35·1	0·5	0·8	6·5	6·4	95	92	6·7	4·9	4	10	0	0	2	22	2	4	11	25	6	14	7
Year Totals													31	130	0	65	10	155	56	102	58	234	82	302	99
Year Means	1009·3	1011·0	48·2	47·4	2·7	2·3	9·5	9·5	82	84	6·8	6·0													

Pressure is expressed in millibars (1000 millibars = 29·531 mercury inches).

M.O. Form 3211.

CLIMATOLOGICAL STATION, YORK.—THE MUSEUM.

Heights above Ground :—Barometer, 3 feet ; Thermometers, 4 feet ; Rain-gauge, 1 foot.

1916.	Air Temperature in Degrees Fahrenheit.											Earth Temperature.		Rainfall.			Weather, No. of Days of.								Bright Sunshine.		
	Means of		Min. & Max. Combined.	Absolute Extremes.								At 1 ft.	At 4 ft.	Total.	Max.	Day.	Precipitation.	Precipitation 1 mm or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog.	Gale force 8 or more.	Daily Mean.	Total.	Per Cent.
	Max.	Min.		H. Max.	Day.	L. Min.	Day.	L. Max.	Day.	H. Min.	Day,																
	°	°	°	°		°		°		°		° F	° F	mm.	mm.										hr.	hr.	%
Jan.	51·4	40·1	45·8	60	6	31	9	44	14	47	26	42·4	43·8	19	5	1	13	6	0	0	0	1	1	0	1·35	42	17
Feb.	43·8	33·4	38·6	50	3, 6	26	20, 21	37	26	40	3	39·6	42·9	69	11	11	24	19	14	0	0	0	2	0	1·90	55	20
Mar.	42·5	34·0	38·3	57	31	28	6	37	11	41	19	39·0	41·1	72	13	15	24	16	10	0	1	0	3	0	2·16	67	18
April	55·4	39·2	47·3	72	27	31	6	45	7	50	25	44·5	43·3	25	5	17	15	10	0	0	2	0	2	0	5·37	161	39
May	61·4	44·9	53·2	80	20	36	4	46	5	54	19, 20 21	51·7	48·3	62	17	4	13	12	0	0	0	4	0	0	4·23	131	27
June	60·2	46·7	53·5	72	23	37	17	50	12	56	23	54·6	52·0	44	11	4	16	10	0	0	0	2	0	0	4·23	127	25
July	68·2	52·6	60·4	78	26	45	6	60	1,8,12	60	21, 31	59·4	55·1	41	13	12	12	10	0	0	0	1	2	0	5·29	164	32
Aug.	70·8	54·5	62·7	82	5	45	31	62	30	61	2	62·2	58·8	80	18	16	17	12	0	0	1	5	1	0	4·68	145	32
Sept.	62·5	49·2	55·9	73	7	38	21	53	20	58	8	57·4	57·5	26	9	3	10	8	0	0	0	1	5	0	3·97	119	32
Oct.	57·0	44·1	50·6	67	6	33	22	47	17	56	12	52·3	54·3	72	13	13	26	19	0	0	1	0	3	0	2·26	70	22
Nov.	49·6	39·7	44·7	60	24	26	22	41	17	54	11	45·8	49·5	47	12	18	17	9	1	0	0	0	2	0	1·23	37	15
Dec.	40·1	31·3	35·7	52	29, 31	20	20	32	18	45	29, 30 31	38·6	44·3	50	6	23	18	16	4	0	0	0	13	0	0·68	21	9
Year Totals														607			205	147	29	0	5	14	34	0		1139	
Means or Extremes	55·2	42·5	48·9	82	Aug. 5	20	Dec. 20	32	Dec. 18	61	Aug. 2	49·0	49·2		18	Aug. 16									3·11		26

YORK (MUSEUM) 1916.

Year.	BRIGHT SUNSHINE.			Barometer at Mean Sea Level			
	Daily* Mean.	Percentage.		Absolute.			
	1916.	1916.	1915.	Highest.	Date.	Lowest,	Date.
	Hours.	%	%	Millibars.		Millibars.	
January	1·35	17	10	1033·8	31st, 9 p.m.	991·9	1st, 9 a.m.
February	1·90	20	18	1031·5	1st, 9 a.m.	978·6	4th, 9 a.m.
March	2·16	18	29	1028·4	31st, 9 p.m.	988·1	25th, 9 p.m.
April	5·37	39	35	1029·1	1st, 9 a.m.	987·5	17th, 9 p.m. 18th, 9 a.m. 18th, 9 p.m.
May	4·23	27	37	1031·5	13th, 9 a.m.	994·9	6th, 9 a.m.
June	4·23	25	40	1029·4	16th, 9 p.m.	987·8	5th, 9 a.m.
July	5·29	32	29	1027·4	28th, 9 p.m. 29th, 9 a.m.	998·6	7th, 9 p.m.
August	4·68	32	34	1029·4	4th, 9 p.m.	994·6	26th. 9 a.m.
September	3 97	32	43	1030·1	7th, 9 a.m.	994·2	18th, 9 p.m.
October	2·26	22	18	1027·4	20th, 9 a.m.	982·0	30th, 9 p.m.
November	1·23	15	29	1032·2	14th, 9 p.m.	971·5	5th, 9 p.m.
December	0·68	9	13	1023·3	6th, 9 a.m.	982·0	12th, 9 a.m.
Year	3·11	26	30	1033·8	January 31st, 9 p.m.	971·5	November 5th, 9 p.m.

The Barometer readings are expressed in millibars (1000 millibars = 29·531 mercury inches).

* For Monthly Totals see Form 3211.

RIVER HEIGHT RECORDS REGISTERED BY THE AUTOMATIC RECORDER AT THE GUILDHALL, YORK, 1916.

Date.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.	
		ft.	in.		ft.	in.		ft.	in.		ft.	in.		ft.	in.		ft.	in.
1	12 p.m.	6	0	4 a.m.	1	10	12 p.m.	4	0	noon	7	6	noon	0	10	noon	0	7
2	,,	11	0	noon	1	5	3 p.m.	5	7	1 a.m.	6	6	,,	0	9	12 p.m.	1	4
3	6 a.m.	11	1	12 p.m.	1	6	1 a.m.	5	4	,,	4	9	,,	0	9	6 a.m.	1	5
4	1 a.m.	9	5	,,	3	2	,,	3	8	4 p.m.	3	5	,,	0	9	noon	1	0
5	noon	5	9	1 p.m.	3	5	noon	3	4	1 a.m.	3	0	12 p.m.	1	1	12 p.m.	1	3
6	1 a.m.	5	2	12 p.m.	4	6	1 a.m.	3	3	,,	2	6	,,	3	0	6 p.m.	1	7
7	12 p.m.	5	7	10 a.m.	8	4	noon	3	0	,,	1	7	,,	4	9	1 a.m.	1	6
8	2 a.m.	5	0	1 a.m.	6	2	,,	2	11	noon	1	6	2 p.m.	5	3	,,	1	2
9	1 a.m.	3	6	,,	2	9	,,	2	11	,,	1	6	1 a.m.	4	7	noon	0	11
10	,,	3	2	,,	2	2	,,	2	11	,,	1	7	11 p.m.	3	10	,,	0	11
11	6 p.m.	3	3	12 p.m.	1	10	,,	2	10	1 a.m.	1	8	1 a.m.	3	10	,,	0	11
12	1 a.m.	2	11	10 p.m.	2	9	1 a.m.	2	11	12 p.m.	1	10	,,	3	3	,,	0	9
13	12 p.m.	2	6	12 p.m.	5	9	10 p.m.	3	6	9 p.m.	2	9	,,	3	0	,,	0	8
14	1 a.m.	2	6	2 a.m.	5	10	1 a.m.	3	6	1 a.m.	2	8	6 p.m.	3	0	,,	0	7
15	,,	2	2	noon	3	11	7 p.m.	3	9	,,	2	2	1 a.m.	3	0	,,	0	6
16	12 p.m.	2	2	12 p.m.	8	3	12 p.m.	7	6	noon	1	5	noon	2	9	,,	0	6
17	6 a.m.	2	3	4 a.m.	8	6	,,	8	9	12 p.m.	2	7	,,	2	7	,,	0	6
18	1 a.m.	2	1	1 a.m.	5	6	3 p.m.	9	0	11 a.m.	4	0	1 a.m.	2	6	,,	0	6
19	12 p.m.	1	11	12 p.m.	6	3	1 a.m.	8	6	1 a.m.	3	2	noon	2	3	,,	0	5
20	5 p.m.	4	11	1 a.m.	6	3	6 a.m.	6	0	,,	2	9	,,	2	1	,,	0	4
21	1 a.m.	4	8	,,	3	5	12 p.m.	8	4	6 p.m.	2	9	1 a.m.	2	0	,,	0	5
22	5 p.m.	7	8	,,	2	3	2 a.m.	8	5	1 a.m.	2	6	,,	1	1	,,	0	5
23	1 a.m.	7	0	,,	1	9	1 a.m.	6	6	,,	2	1	noon	0	11	,,	0	5
24	,,	2	5	noon	1	5	,,	3	6	,,	1	6	,,	0	10	,,	0	5
25	6 a.m.	1	10	,,	1	5	,,	2	10	noon	1	6	,,	0	9	,,	0	6
26	12 p.m.	2	5	,,	1	4	,,	2	9	,,	1	8	,,	0	9	,,	0	7
27	11 p.m.	3	9	,,	1	4	6 a.m.	3	3	1 a.m.	1	8	,,	0	9	,,	0	7
28	1 a.m.	3	9	12 p.m.	1	11	1 a.m.	3	1	,,	1	4	,,	0	8	,,	0	6
29	,,	2	6	,,	2	4	,,	2	10	noon	1	1	,,	0	8	,,	0	6
30	10 a.m.	2	6				,,	2	5	,,	1	0	,,	0	8	,,	0	6
31	1 a.m.	2	1				12 a.m.	6	4				,,	0	7			

RIVER HEIGHT RECORDS.

Date.	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.		Time.	Above or below S.L.	
		ft.	in.		ft.	in.		ft.	in.		ft.	in.		ft.	in.		ft.	in.
1	noon	0	5	noon	0	8	noon	0	3	noon	0	9	6 a.m.	9	1	noon	3	2
2	,,	0	5	,,	0	8	,,	0	3	,,	0	8	1 a.m.	8	3	1 a.m.	3	1
3	,,	0	6	,,	0	7	,,	0	4	,,	0	7	,,	4	2	,,	2	9
4	,,	0	7	,,	0	7	8 p.m.	5	3	,,	0	7	6 p.m.	4	6	noon	2	6
5	,,	0	9	,,	0	6	1 a.m.	4	11	12 p.m.	3	0	12 p.m.	4	7	,,	2	3
6	,,	0	8	,,	0	6	,,	2	8	,,	7	2	noon	7	0	,,	2	2
7	,,	0	8	,,	0	6	6 p.m.	1	1	7 a.m.	8	2	1 a.m.	5	5	,,	2	1
8	12 p.m.	2	10	,,	0	6	12 p.m.	2	10	1 a.m.	5	1	8 a.m.	5	1	,,	2	0
9	1 a.m.	2	10	,,	0	7	noon	0	10	,,	2	6	1 a.m.	3	6	,,	1	11
10	,,	1	3	,,	0	7	,,	0	9	,,	0	7	,,	3	2	12 p.m.	2	5
11	noon	0	8	,,	0	7	,,	0	8	11 p.m.	4	1	noon	3	0	noon	2	5
12	,,	0	8	,,	0	5	,,	0	8	1 a.m.	4	0	,,	2	11	,,	2	6
13	12 p.m.	1	8	,,	0	6	,,	0	8	noon	2	5	1 a.m.	2	11	,,	2	6
14	noon	2	0	,,	0	6	,,	0	8	12 p.m.	4	11	noon	2	9	,,	2	6
15	1 a.m.	1	11	12 p.m.	0	6	,,	0	8	3 p.m.	6	6	,,	2	8	,,	2	6
16	,,	1	9	noon	1	8	,,	0	8	1 a.m.	6	2	,,	2	6	,,	2	6
17	,,	1	6	3 a.m.	1	9	,,	0	8	,,	1	10	,,	2	4	,,	2	6
18	noon	1	5	1 a.m.	1	0	,,	0	7	,,	1	0	,,	2	2	,,	2	6
19	,,	1	3	,,	0	9	,,	0	6	noon	0	10	12 p.m.	2	9	,,	2	5
20	,,	1	3	4 p.m.	0	9	12 p.m.	0	9	,,	0	11	,,	5	6	,,	2	5
21	,,	1	2	noon	0	6	noon	0	9	,,	0	11	6 a.m.	5	8	,,	2	5
22	,,	1	1	,,	0	6	,,	0	9	,,	1	0	1 a.m.	5	3	,,	2	5
23	,,	1	0	,,	0	6	,,	0	9	,,	1	0	12 p.m.	5	4	,,	2	4
24	,,	1	0	,,	0	6	,,	0	9	,,	0	11	10 p.m.	6	2	,,	2	4
25	,,	0	10	,,	0	5	,,	0	8	,,	1	1	1 a.m.	6	1	,,	2	4
26	,,	0	9	,,	0	5	,,	0	9	12 p.m.	1	3	,,	4	3	,,	2	3
27	,,	0	9	9 a.m.	1	0	,,	0	9	noon	1	1	,,	3	2	,,	2	3
28	,,	0	9	noon	0	5	,,	0	9	12 p.m.	2	8	,,	2	4	,,	2	3
29	,,	0	8	,,	0	5	,,	0	9	noon	5	2	noon	2	0	12 p.m.	9	0
30	,,	0	8	,,	0	4	,,	0	9	1 a.m.	4	3	12 p.m.	2	8	noon	10	0
31	,,	0	8	,,	0	4				12 p.m.	9	0				1 a.m.	9	5

OUSE FLOODS FROM RETURNS TO THE CITY SURVEYOR.

COMPARATIVE TABLE, 1916.

Date.	Nidd at Pateley Bridge.		Ure at Middleham Bridge.		Swale at Richmond.	
	Hour.	Helght.	Hour.	Height.	Hour.	Height.
		ft. in.		ft. in.		ft. in.
Oct. 6			9-40 a.m.	10 0		
Nov. 20			8 a.m.	5 0		
Dec. 29			9-29 a.m.	10 0		

THE TREASURER'S ACCOUNT IN CONNECTION WITH THE FUND FOUNDED BY THE LATE WM. REED, ESQ., FOR SPECIFIC PURPOSES.

Dr. INCOME.	£	s.	d.
Interest on York Corporation 3 % Redeemable Stock	14	3	6
Interest on £50 placed on Deposit with the London Joint Stock Bank Ltd.	1	6	10
	£15	10	4

EXPENDITURE. Cr.	£	s.	d.
Books and Binding	15	10	4
	£15	10	4

BALANCE SHEET.

	£	s.	d.
Amount of Fund on 31st December, 1916	687	19	2
	£687	19	2

	£	s.	d.
Amount invested in York Corporation 3% Redeemable Stock	600	0	0
Amount placed on Deposit with the London Joint Stock Bank, Ltd.	50	0	0
Cash in Bank	37	19	2
	£687	19	2

Accounts audited and found correct, and certificates for the securities produced and verified, 12th Feb., 1917,

EDWIN GRAY, *Hon. Treasurer.* PHILIP L. NEWMAN.

THE TREASURER IN ACCOUNT WITH THE YORKSHIRE

Last Year.	Dr. INCOME.	£ s. d.	£ s. d.
	Subscriptions:		
	Town Members	555 0 0	
	Country Members	10 0 0	
	Temporary Members	3 0 0	
	Lady Subscribers	67 10 0	
	Associates	18 0 0	
	Arrears received	29 7 6	
	Keys of Gates	59 12 6	
820			742 10 0
	Rents:		
	Major Allenby—St. Mary's Lodge	65 0 0	
	Mr. Hill—Marygate Baths	40 0 0	
	York Waterworks Co.—Shed	15 0 0	
	Do. Light	0 1 0	
	Corporation of York—Lease of Exhibition Land ...	2 0 0	
	Post Office—Wayleaves	1 2 0	
	Letting of Rooms for Lectures and Meetings ...	67 2 0	
188			190 5 0
	The late Dr. Tempest Anderson's Bequest:		
	Interest on £8,000 New Zealand 4% Inscribed Stock	252 0 0	
	" on £3,200 Great Eastern Railway 4% Preference Stock	104 16 0	
	" on £5,000 North Eastern Railway 4% Preference Stock	163 15 0	
	" on £8,000 Canada 4% Stock	252 0 0	
	" on £3,219 3s. 5d. Bank of England Stock ...	253 10 3	
	" on £5,777 2s. 6d. South Indian Railway 4% Registered Debenture Stock	181 19 6	
	" on Amount lying on Deposit for short term	1 4 4	
	" on £3,200 5% Exchequer Bonds (portion of year)	96 8 7	
	Rents (9 months) of Shops and Dwelling-houses, Nos. 32 and 34 Bootham	45 0 0	
1451			1350 13 8
1	Sale of Plans, Reports, Books, and Catalogues		4 17 4
	Sale of Pea-fowl		2 2 0
	Payment for damage to Windows...		0 2 6
	Hire of Pony (year 1915)		4 1 0
17	Bank Interest on Current Account		17 15 0
117	Gate Money		105 1 1
24	Interest on £918 8s. 9d. India 3% Stock ... ... (the late Mr. Rawdon's Bequest)		21 14 0
5	Grant from Corporation of York towards cost of Meteorological Department		5 0 0
	Acknowledgment for Keys of Lockers in Bowling Green Pavilion ...		1 12 0
			£2445 13 7
	Balance in hands of the Treasurer, 31st December, 1916		602 16 7
			£602 16 7

EDWIN GRAY, *Hon. Treasurer.*

PHILOSOPHICAL SOCIETY FOR THE YEAR ENDING 31ST DEC., 1916.

Last Year.	EXPENDITURE			£ s. d.			Cr. £ s. d.
	Crown Rent						1 0 0
	Corporation Rent						17 7 6
	Rates and Taxes:						
	Property Tax and City Rates			65 1 10			
	Waterworks Company's Rate			6 11 7			
	Gardeners' Licenses			2 5 0			
	Receipt and Cheque Books Stamping			3 6 6			
66							77 4 11
	Insurance:						
	Fire Premiums			9 8 0			
	Employers' Liability Premiums			2 11 4			
	War Risks Premiums			5 16 0			
	National Health Insurance Contributions			6 4 3			
23							23 19 7
8	Telephone Rent and Calls						7 17 5
	Salaries and Wages:						
	Museums			736 10 6			
	Lodge and Gardens			412 18 8			
1146							1149 9 2
	General Additions, Repairs, and Expenses:						
	MUSEUMS—						
	Expenses in connection with arrangement of Specimens in the Architectural Museum	56 14 3					
	Painters' and Decorators' Work in Geological Rooms	37 1 1					
	Antiquities, Coins, and Pottery ...	21 5 3					
	Other Additions, Repairs, & Expenses	31 8 5					
203				146 9 0			
	ESTATE—						
	Repairs to Ruins of St. Leonard's Hospital	117 0 9					
	General repairs	124 10 10					
490				241 11 7			
	GARDENS—						
	General Additions, Repairs, and Expenses			148 5 0			
170							536 5 7
16	Library—Books and Binding						52 7 10
68	Lectures						78 17 6
10	Refreshments provided at Lectures and Meetings						8 17 1
14	Printing and Stationery						24 4 10
6	Printing Communications to Members and Postage of same ...						6 16 6
124	Printing Reports and Postage thereof						110 3 8
	Museum Hand Books						1 4 9
	Gas, Coal, Coke, and Electricity:						
13	Gas			14 0 1			
77	Coal and Coke and Cartage			118 17 6			
15	Electricity			12 1 11			
							144 19 6
75	Special Expenditure for improving the Society's Botanical Garden and Herbarium						10 0 0
	Contributions on account of cost of production of Second Volume of the late Dr. Tempest Anderson's Work on Volcanoes ...						46 3 5
8	Sundry Postages						9 0 2
1	Sundries						2 18 2
							2308 17 7
	Excess of Income over Expenditure						136 16 0
							£2445 13 7
	Excess of Income over Expenditure, 1916						136 16 0
	Balance in hands of the Treasurer, 31st December, 1915						466 0 7
							£602 16 7

Audited and found correct, and certificates for the securities produced and verified, 12th Feb., 1917.

PHILIP L. NEWMAN.

NEW MEMBERS, &c., ELECTED 1916.

Bell, Harold, 4, Holgate Terrace.
Bowman, Thomas, New Street.
Crombie, George, 80, Bootham.
Glover, Rev. A. E. M., St. Olave's Rectory.
Hick, Arthur, 9, White Cross Road.
Hughes, H. C., Blue Coat School.
Johnson, Septimus, 181, Bishopthorpe Road.
Kaye, Rev. John, 13, St. Mary's.
Kemp, Dr. Norah, 120, The Mount.
Larnder, Lt.-Col. E. W., St. Mary's House, Marygate.
Naish, A. Duncan, Rawcliffe Holt.
Reynolds, Walter A., L.R.C.P., Portland House.
Scott, Frank, 50, Petergate.
Stead, Jas. R., 12, Market Street.

TEMPORARY MEMBERS.

Dawes, Mrs, The White House Clifton.
Bedford, Gen., D.D.M.S., 57, Bootham.

LADY SUBSCRIBERS.

Broughton, Mrs. R., 19, St. Saviourgate.
Craggs, Miss E. F., 14, Priory Street.
Huffam, Miss, 14, St. Mary's.
Lambert, Mrs., Chelmsford House, Fulford Road.
Mansfield, Hon. Mrs., 22, St. Mary's.
Mathias, Mrs. Oswald, 4, Duncombe Place
Robinson, Miss A. H., 3, Belle Vue Terrace
Sellers, Miss Maud 37, St. Mary's.
Waite, Mrs. J. E., 2, Duncombe Place.

ASSOCIATES.

Buttifant, W. W., Bootham Lodge.
Rutherford, Andrew, Nether Poppleton.
Scott, F. O., Ash Bank, Clifton.

DEATHS.

Members.

Brown, Miss, Monkgate.
Clayton, Thos., Old Rectory House.
Cross, E. R., Wigginton Road.
Cust, The Very Rev. A. Purey, Dean of York.
Morris, Col., Grosvenor Terrace.
Richardson, Major, Bootham.
Wilberforce, Mrs., Ousefield, Fulford.

Lady Subscriber.

Dickinson, Miss, Petergate.

Associate.

Nelson, C. E., Queen Anne's Road.

RESIGNATIONS.

29 Members.
13 Lady Subscribers.
3 Associates.

DONATIONS TO MUSEUM AND LIBRARY.

LIBRARY.

Books Presented.	Donors.
Architecture, Quarterly Papers on: 4 Vols., 1844.	Mr. J. S. Gayner.
American Ethnology, Bureau of: 29th and 30th Annual Reports, Bulletin 47, 57, 62.	The Bureau.
American Geographical Society: Geographical Review, 1916.	The Society.
American Journal of Science: Vol. xli. May, 1916.	The Society.
American Seismological Society: Bulletin Vol. v. No. 4, December 1916.	The Society.
Ashmolean Natural History: Proceedings and Report for 1916.	The Society.
Australian Museum: Report for year ending June 30th, 1915.	The Committee.
Bradford Libraries, Arts, and Museum Committee: Annual Report for 1915.	The Committee.
Buckman, S. S.: "An Octaval instead of a Decimal System."	The Author.
"Buds and Stipules, on": by Sir John Lubbock; "Nature *versus* Natural Selection": by Charles Clement Coe; Romance of Plant Life: by G. F. Scott Elliot.	Mr. John G. Baker.
Basel: Naturforschenden Gesellschaft, Band 27.	The Society.
Bootle: 29th General Report of the Free Library and Museum Committee.	The Committee
Bristol Museum and Art Gallery: Report for 1916.	The Director.

British Dominions Insurance Company: Year Book, 1915.	The Directors.
British Museum: Catalogue of Ungulate Animals, Vol. iv.; Catalogue of Cretaceous Flora, Part 2; Catalogue of Freshwater Fishes of Africa, Vol. iv.; Economic Series, No. 2; Special Guide, No. 7; Catalogue of English Coins in the British Museum (2 Vols.)	The Trustees.
Canada: Department of Mines, Geological Survey, Memoir 83.	The Survey.
Cincinnati: Lloyd Library, Vol. ii., Nos. 2, 8, 9, 10.	The Library.
Colchester: Report of Museum and Muniment Committee for the year ending, March 31st, 1916.	The Committee.
Croyden Natural History and Scientific Society, Procedings of: Vol. viii., Part 2.	The Society.
Denmark, Memoires de l'Academie Royale des Sciences et des Lettres: 7th Series, Part 12, No. 7; 8th Series, Part 1, Nos. 2, 3; Part 2, Nos. 1, 2, 3; Bulletin 1915, Nos. 5, 6; 1916, Nos. 1, 2, 3.	The Society.
Dublin University College; Report of Museum of Ancient History.	The Museum.
Edinburgh, Transactions of Royal Society of: Vol. l., Part 3, Proceedings, Vol. xxxv., Part 3; Vol. xxxvi., Part 1, 2.	The Society.
Firenze, Biblioteca Nationale Centrale de: Bolletino del Pubblicazione Italiane, 181, 182—192.	The Library.
Geologists' Association, Proceedings of the: Vol. xxvii., Parts 1—3.	The Association.

Glasgow Natural History Society: The Glasgow Naturalist, Vol. xxvii., Parts 1, 2, 3.	The Society.
Hawaiian Volcano Observatory: Weekly Bulletin, Vol. iv. Nos. 5—10.	The Librarian.
Hull Museum Publications: Nos. 104. 106—109.	The Museum.
Illinois State Geological Survey: Report for 1914; Bulletins, Nos. 3, 9, 12, 24.	The Survey.
India, Geological Survey: Memoirs, Vol. iv., No. 5; Vol. vi., No. 1, New Series; Vol. v., No. 2; Vols. xxi.—xxxv.; Vol. xlv., Part 4; Vol. xlvi., Parts 1, 2; Vol. xliii., Part 2; Vol. xlii., Part 3.	The Survey.
Janet, Charles: "Note Preliminaire sur l'Oeuf du Volvox Globator"; "L'Alternance Sporophyto-Gameotophytique de Generations chez les Algues."	C. Janet
Kew Royal Botanic Gardens: Bulletin, 1915.	W. Cheeseman.
London Zoological Society: Transactions, Vol. xx., Parts 16—17; Proceedings, Parts 4, 1915.	The Society.
Madras Government Museum; Catalogue 1914-15. "Indian Prehistoric and Protohistoric Antiquities"	Supt. Govt. Press.
Malay States Information Agency: British Mayala.	The Agency.
Manchester Literary and Philosophical Society: Memoir and Proceedings, 1914-15.	The Society.
Manchester Museum: Report for 1914-15; General Guide, 1915.	The Committee.

Manx Crosses, Handbook to: by J. A. Clubb.	The Author.
Meteorological Society: Weekly Weather Reports for 1916; Monthly Weather Reports for 1916; Monthly Weather Reports for 1915; Year Book, 1915.	The Society.
Mexico, National Astronomical Observatory: Anuario, 1916.	The Committee.
Mexico, Parergones del Instituto Geologico: Vol. v.; La Flora Liasica.	The Institute.
Moss Exchange Club: Report, April, 1916.	The Hon. Secretary.
New South Wales Royal Geological Survey: Geological Map, N. S. W.	The Survey.
New South Wales Royal Zoological Society: "The Australian Zoologist," Vol. i., Part 3.	The Society.
New South Wales Department of Mines: Annual Report.	The Librarian.
New York Academy of Sciences: Annals, Vols. xxvi., xxvii.	The Librarian.
New York Public Library: Bulletins, 1916.	The Librarian.
Norske Meteorological Institute: Nedboriagttagelser I Norge, 1915.	The Institute.
Northants. Natural History Society; Journal, Nos. 141—144.	The Society.
Northumberland, Durham, and Newcastle: Transactions of Natural History Society, Vol. iv., Part 2.	The Society.
Norwegischen Meteorologischen Instut: Jahrbuch des Norwegischen Met. Institut, 1915.	The Institut.

Norwich: Report of Castle Museum Committee 1915.	The Committee.
Nova Scotian Institute of Science: Proceedings and Transactions, Vol. xiii., Parts 3, 4; Vol. xiv., Part 1.	The Institute.
Ottawa: Report of Geological Survey, Department of Mines.	The Survey.
Peru: Boletin del Cuerpo de Ingenieros de Minas.	The Committee.
Quarterly Return of Births, Marriages, and Deaths in the British Isles.	
Roman Coins: by Maddin.	Mrs. A. N. Carr.
Royal Society: Philosophical Transactions of, Series A, Vol. ccxvi.; Series B, Vol. ccvii.	The Society.
Royal Society: Proceedings of, Series A, Vol. xcii., Nos. A, 638—644, 646; Series B, Vol, lxxxix., Nos. B, 613—616.	The Rev. Prof. T. G. Bonney.
Selbourne Society: Extension Lectures and Conducted Rambles; Abridged Lecture Handbook.	The Society.
Sheldonian Tapestries: Portfolio of.	The Victoria and Albert Museum.
St. Cuthbert's: An Ancient York Church.	The Rev. R. G. Pyne.
Toronto University: Studies, Nos. 9, 10, 15, 48; Papers from the Physical Laboratories.	The University.
Trondhjem: Det Kongelige Norske Videnskabers Selskab Skrifter.	The Society.
Torquay Natural History Society: Journal, Vol. ii., No. 2.	The Society.

United States Geological Survey: Bulletins, Nos. 565, 568, 573, 591, 595, 602, 606, 609, 611, 613, 614, 616, 622, 603—5, 607—8, 610, 619, 623, 629, 626, 628, 632, 634, 621 A, 640 A, 641 A, 620 B, 621 B, 620 C, 621 C, 640 C, 620 D, 621 D, 620 E, 621 E, 620 H, 621 I, 620 I, 620 J, 621 J, 620 K, 621 K, 621 O, 621 M, 621 P. Mines Reports, Nos. 1—9. Mineral Resources, Part 2, Nos. 31, 34; Part 1, A; Part 1, Nos. 14—24. Productions Series, Part 2, Nos. 8—20. Water Supply Papers, Nos. 70—79, 332, 351—355, 369, 371, 372, 373, 374, 375, 383, 385, 397, 398, 399, 400 A, 375 D—375 F, 340 L.	The Survey.
Upsala Geological Institute: Bulletin, Vol. xiii., No. 1.	The Institute.
Washington Smithsonian Institute: Annual Report, 1916.	The Institute.
Whitby Literary and Philosophical Society: 93rd Report.	The Society.
Wisconsin Academy of Sciences, Arts, and Letters: Vol. xviii., Part 1.	The Academy.
York, Bootham School: 82nd Annual Report of Natural History, Literary, and Polytechnic Society.	The Society.
York Education Committee: Annual Report for 1915.	The Committee.
Yorkshire Geological Society: A Bibliography of Yorkshire Geology.	The Society.
York: Annual Report of Medical Officer of Health.	The Committee.
York: Report on Condition of Teeth of Children attending Elementary Schools.	The Committee.

York: Report on the Salmon and Trout Fisheries of the Yorkshire Fishery District.	The Secretary.
Zoological Society of London: Proceedings, Parts 1—3; Transactions, Vol. viii., Part 2.	The Society.
Copy of *Scarboro' Herald and General Advertiser*, July 1st, 1841; Copy of the *Sun Newspaper*, June 28th, 1838.	Mr. Russell.
Plan of Old Station York, August 1866; Two Plans of Royal Review at York, August 11th, 1866.	Mr. H. Sowden.
Miniature of Dr. Tempest Anderson, painted by Mrs. Jennie Stork.	Mrs. J. Stork.

COLLECTION OF YORKSHIRE POTTERY

Presented by Mr. T. BOYNTON, Bridlington.

Leeds.

4 Bowls.
4 Twig Baskets—1 plain, 3 blue and white.
1 Twig Basket and Stand, blue and white.
2 Sauce Boats, cream.
5 Tea Pots.
3 Coffee Pots.
6 Jugs.
5 Mugs.
1 Chocolate Cup Holder or "Trembleuse."
4 Cups.
2 Savoury Holders.
2 Tea Strainers.
2 Leaf-shaped Sweet-meat Holders.
3 Vases.
8 Plates.
1 Dish.
1 Bird Feeder.
1 Melon Tureen—cover and stand.
1 Tea Poy or Tea Caddie.
1 Portion of Black Basalt Frieze—horses and figures in relief.
1 Doll's Tea Pot.
5 Doll's Cups and Saucers.
1 Pepper Pot.
2 Sugar Basins.

Castleford.

4 Tea Pots.
1 Sugar Basin and Cover.
2 Flower Baskets—handles and perforated covers.
3 Obelisks.

HULL.

1 Sauce Boat with stand attached.

1 Leaf-shaped Dish with views of Hull round it.

1 Tea Pot.

ROCKINGHAM.

2 Lady's Boot Warmers.

1 Goblet.

1 Mug.

FERRYBRIDGE. 1 Mug.

STOCKTON. 1 Blue Marbled or Combed Harwood Dish.

2 various ?

ANTIQUITIES.

Copper Plate with old view of the Museum ; Sugar Tongs, Bellows, Engravings.	Mr. A. Hurst.
One Jadite Axe-head.	Mr. Johnson.
Egyptian Figure in bluish-green pottery.	Mr. E. Webster.
Russo-Greek Church Sacramental Bread and Wafer, 35 years old.	Miss Sadgrove.
Fine Blue Combed Charger of Stockton Ware, marked " Harwood."	Mr. W. Cooper.
Pair of Old Hinges.	Mr. Hick.
Irish Flint Arrowhead.	Mr. Ed. Gray.
One Stockton Mug, "Wm Dale, Allerston, 1845" ; one Stockton Plate, one Pottery House.	Mr. Hemming.
Three Jugs.	Miss E. Barstow.
Old Bone Skate, dug up in York.	Mr. H. Sowden.
One Stone Head of a Bishop, with early (low) mitre ; one Piece of Carving from Minster fire of 1829, from choir screens ; one Portion Early English Grave Slab with part of foliated cross.	Dr. Arthur Phillips.

Two fine Norman Caps from St. Maurice's Church; one early English Cap; one very ornate Chevron Arch Mould (from St. Mary's Abbey or the Minster); and other Stones.	Mr. Whitfield.
Two pieces of Door Arch Moulding (middle Norman period) with interesting figures in circular medallions; one richly ornamented Cap.	Mr. W. H. Brierly, F.S.A.
Fine Jug, Lord Wellington on one side, General Hill on the other.	Mr. W. Farr.
Old Knife and Fork with green handles; Part of German 77 mm. Shell from Albert, on the Somme.	Mr. A. Finney.
Half Farthing, 1844.	Mr. A. Clarke Hall.
Incendiary Bomb dropped by a Zeppelin.	The Lord Mayor.
Brass Sun Dial, by Hindley, York.	Mr. T. Boynton.

GEOLOGY.

One Round Stone.	Mr. Johnson.
Sixteen Specimens of Fossil Plants from the Kilkenny Beds of Ireland.	Prof. J. Johnson.

ZOOLOGY.

Variety of Guillemot, spotted on back with white, shot at Flamboro', 1850.	Mr. T. Guy.
White Lesser Redpole, obtained at Escrick, 1915.	Mr. J. Reader.
Water Rail.	Mr. Grabham.
Cock Bullfinch.	Mrs. Acton.
One Yellowhammer, one Redpole.	Mr. M. Morton.
Head of an imported Ram from the island of Soay (St. Kilda Group); Wild Hybrid between Mallard and Pintail Drake, shot at Lowthorpe.	Mr. W. H. St. Quintin.
Live Stick Insects.	Mr. Meynell.

ADDITIONS TO BOTANICAL GARDEN.

Two Tulip Trees; Cotoneaster horizontalis; several roots of Trollius Caucasicus; one Aster Limosyris; one Maidenhair Tree (Ginkgo biloba); one Hippophaæ Rhamnoides, L.; Saxifraga hypnoides, L.; Matricaria Chamomilla; Hutchinsia alpina, R.BR.; Isatis tinctoria, L.; Iris sibirica, etc.; Hesperis matronalis.	Mr. J. S. Gayner.
Two Tree Lupins.	Mr. W. Cooper.
Actoæ Spicata or Baneberry, Herb Christopher, Himalaya Balsams, two Sonchus Alpinus.	Mr. O. Grabham.
Magnolia grandiflora (Exmouth); Cornus Mascula.	Mr. A. Hurst.

ADDITIONS TO HERBARIUM.

Carex Kattegatensis (Fries); Carex ornithopoda (Willd.); Salicornia ramosissima (Woods); Rhinanthus monticola (Druce): Euphrasia cutta (Wetts); Euphrasia latifolia (Pursh); Potamogeton marinus, L.; Utricularia ochroleuca (R. Hartm.)	Mr. Arthur Bennett.
Utricularia intermedia (Hayne), from Strensall Common; new record for Yorkshire, collected and communicated by A. Templeman.; Carex ustulata (Wahl); Oxytropis campestris from Scotland; Ophrys apifera (Huds), Strensall Common, York.	Mr. A. Templeman.
Lycopodium annotium, L.	Mr. J. Mennell.

DESCRIPTION OF THE COINS OF ÆTHELRÆD II. AND CNUT,*

IN THE COLLECTION OF THE YORKSHIRE PHILOSOPHICAL SOCIETY.

By CHARLES WAKEFIELD,
Honorary Curator, Numismatics ; Fellow of the British Numismatic Society.

ÆTHELRÆD II.

Succ. A.D. 979 ; Dep. A.D. 1013 ; Rest. A.D. 1014 ; Died A.D. 1016.

Upon the murder of Eadweard, his half-brother, the weak and imbecile Æthelræd, succeeded at the age of ten years. He reigned 38 years, but with very doubtful authority during the last three. He passed many laws for the better regulation and preservation of the current coins ; and his money presents some novelties of type and appearance.

The king is styled ÆTHELRÆD, ÆTHELRED, or ETHELRED, REX ANGLORVM, sometimes more or less abbreviated ; and the name of the mint as well as the moneyer always appears on his coins. The coins vary very much in weight, some being no more than 20 grs., others reaching to 27.

BRITISH MUSEUM NATURAL HISTORY

DESCRIPTION OF TYPES.

TYPE I. Fig. 1.

Obverse.	*Reverse.*
The king's bust to left, helmeted and with a radiated crown.	Cross voided, each limb terminating in three crescents and dividing the legend, over a square with pellets at the corners.

TYPE II. Fig. 2.

The king's bust, head sometimes filleted with an inner circle, without a sceptre.	Cross voided, within the inner circle CRVX in the angles.

* Edward Hawkins, *The Silver Coins of England.* Third edition, with alterations and additions by R. de Kenyon, 1887, p. 149 *et seq.*

Type II *continued.*—Var. *a*, Fig. 3.

Obverse.	*Reverse.*
Similar with a sceptre.	Similar.

TYPE III. Fig. 4.

The king's bust to right or left filleted within inner circle.	Small cross.

TYPE IV. Fig. 5.

The king's bust to right filleted with sceptre; within inner circle.	Hand from Heaven between A and O.

TYPE V.

Similar without sceptre, bust sometimes to left.	

TYPE VI.

Similar to Type IV, but head of sceptre formed like a cross.	A and O omitted. The weight of Types IV, V, VI, is 20 to 26 grains.

TYPE VII.

ÆDELRÆD . . . . ORVM. Lamb with cross, to right, nimbus round the lamb's head, the letters AGN (for Agnus Dei?) within a dotted compartment behind its forelegs.	EALDRED O ALDMES. A bird with its wings extended, possibly the Danish raven, no inner circle on either side.

TYPE VIII. Fig. 6.

The king's bust to left without any diadem, the hair expressed by lines, diverging as from a common centre, and each terminating in a pellet.	An open cross, extending to the edge of the coin, each limb terminating in three crescents; sometimes, as in the York coins, a small cross, or annulet, etc., is in the field.

ÆTHELRÆD II.

Coins marked * were found in Sweden and acquired in exchange. No. 16 was purchased ; the remainder were found in York and neighbourhood.

DESCRIPTION OF COINS.

No.	Obverse.	Reverse.	Weight.	Moneyer.
		TYPE I. Fig. 1.		
		LVNDVNE (London).	grs.	
1*	+ÆÐELRÆD REX ANGL	+GODPINE : M'O LVND	21·5	Godwine
		TYPE II. Fig. 2.		
		PINCASTRE (Winchester).		
2	+ÆÐELRÆD REX ANGLOX	+TOCA M⁻O PINT	24·5	Toca
		TYPE II. Var. *a*, Fig. 3.		
		CÆNTPARABYRIG (Canterbury).		
3*	+ÆÐELRÆD REX ANGLOX	+LEOFSTAN M⁻O CENT	25	Leofstan
		EAXECEASTER (Exeter).		
4*	+ÆÐELRÆD REX ANGLOX	+ÐORSTAN M⁻O EC	22	Thorstan
5*	+ ,, ,, ,,	+TVNA M⁻O EAXE	22·5	Tuna
		LVNDVNE (London).		
6*	+ÆÐELRÆD REX ANGLOX	+ÆÐELPÆRD M⁻O LVN	23	Æthelwærd
7*	+ ,, ,, ,,	+BYRHMÆR ,, ,,	21	Byrhmær
8*	+ ,, ,, ,,	+EADPOLD ,, ,,	21	Eadwold
		PINCASTRE (Winchester).		
9*	+ÆÐELRÆD REX ANGLOX	+BERHTMAÐ M⁻OPIN	25	Berhtmath
10*	+ ,, ,, ,,	+BYRHSIGE M⁻O PINT	26	Byrhsige
11*	+ ,, ,, ,,	+LEOFPOLD M>O PIN	24·5	Leofwold
12*	+ ,, ,, ,,	+ ,, M⁻O PINT	24·5	,,

No.	Obverse.	Reverse.	Weight.	Moneyer.
		TYPE III. Fig. 4.		
		LINCOLNE (Lincoln).		
			grs.	
13*	+ÆÐELRÆD REX ANGLORX	+GODPINE MEO LINCOL	23	Godwine
14*	+ „ „ ANG:	+PVLFRIC M⊤O LINCO:	21	Wulfric
		PINCASTRE (Winchester)		
15*	+ÆÐELRÆD REX ANLO	+ALFÞOLD ON ÞINCSTR	20	Alfwold
		TYPE IV. Fig. 5.		
		ÐEODFORD (Thetford).		
16	+ÆÐELRÆD REX ANGLORX	+BVRLING M⊤O ÐEOT	21·5	Burling
		TYPE VIII. Fig. 6.		
		EOFERÞIC (York).		
17	+ÆÐELRÆD REX ANGLO	+OBAN MEO EOFR	25	Oban
18	„ „ „ „	+ „ „ „	25	„
19	+ „ „ ANGL·OR	+OÐGRIM MPO „	22·5	Othgrim
20	+ „ „ „	+SPERT „ „	26	Swert
21	+ „ „ ANGL	+ÐVRVLF M⊤O „	25	Thurulf
		LINCOLNE (Lincoln).		
22	+ÆÐELRÆD REX ANG	+ÆLFSIG MEO·LINC	25	Ælsige
23*	+ „ „ ANGO	+COLGRIM MEO·LINC	23	Colgrim
24	+ „ „ „	+ „ „	23	„

LVNDVNE (London).

			grs.	
25*	+ÆÐELRÆD REX ANGLO	+BRVNSTAN MPO LVND	19	Brunstan
26*	+ ,, ,, ,,	+EÐELPERD ,, ,,	23	Æthelwerd
27*	+ ,, ,, ,,	+G·ODRIC ,, ,,	23	Godric
28*	+ ,, ,, ,,	+TOCA MO LVND	21·5	Toca
29*	+ ,, ,, ,,	+PVLFPINE MPO LVND	25	Wulfwine
30*	+ ,, ,, ANG	+ ,, ,, ,,	22	,,

CNVT.

Succ. A.D. 1016; died A.D. 1035.

The coins of Cnut are exceedingly numerous, and perhaps more places of mintage are mentioned than upon the coins of any other English king. He is generally styled REX ANGLORUM, and the place of mintage as well as the moneyer's name is always mentioned. His coins are in general very light, rarely amounting to 24 grs., and sometimes scarcely exceeding 12.

DESCRIPTION OF TYPES.

TYPE I. Fig. 7.

Hks. Pl. XVI, Fig. 208.

Obverse.	*Reverse.*
CNVT REX, RECX or RECCX, sometimes followed by A or AN; or, on some York coins, R EOFE. King's bust to left, sceptre.	Cross voided, within inner circle, pellet in the centre.

TYPE I. Var. *a*, Fig. 8.

Similar.	Similar, but annulet in the centre.

TYPE I. Var. *b*, Fig. 9.

Similar.	Similar, but pellet in the annulet in the centre.

TYPE II. Fig. 10.

Hks. Pl. XVI. Fig. 209.

Obverse.	*Reverse.*
Similar. King's name sometimes spelt CNVTE.	Tressure of four sides, with one or more pellets at the corners, upon a cross voided.

TYPE III.

CNVT REX. Helmeted bust to left, like Æthelræd's coin, Rud XXII. 1.	Cross voided, each limb terminating in three crescents and dividing the legend, over a square with pellets at the corners. Like Æthelræd's Type I.

TYPE IV.

Similar to Type I, CNVT REX AN.	Cross voided, annulet in the centre, PACX in the angles.

TYPE V.

CNVT RECX. King's bust to left, without sceptre.	Cross composed of four ovals, issuing from a centre circle.

TYPE VI.

CNVT REX ANGLORV. King's bust to left, without sceptre, within inner circle.	Small cross.

TYPE VII. Fig. 11.

Hks. Pl. XVI. Fig. 212.

King's bust, generally to left in quatrefoil, generally coroneted, sometimes filleted, occasionally a cross, etc., in the field. CNVT REX, with ANGL or some longer form of ANGLORVM.	Cross voided, upon a large quatrefoil, with pellets at the corners.

TYPE VIII. Fig. 12.

Hks. Pl. XVI. Fig. 213.

King's bust mitred to the left, with sceptre. CNVT REEX or RXE, generally with ANGLO or some shorter form of ANGLORVM.

Cross voided, within inner circle, limbs issuing from centre circle, loops in each angle.

DESCRIPTION OF COINS.

No.	Obverse.	Reverse.	Weight.	Moneyer.
		TYPE I. Fig. 7.		
		EOFERPIE (York).		
1	+EDVT REEX	+GODMAN ON EOE:	grs. 16	Godman
		LVNDVNE (London).		
2	+ENVT REEX	+BRIHTMÆR O LV	15	Brihtmær
		TYPE I. Var. *a*, Fig. 8.		
		EOFERPIE (York).		
3	+ENVT REEX	+GODMAN ON EOFRR	17·5	Godman
		LVNDVNE (London).		
4	+ENVT REEX	+L·EOFPINE ON LVND	15	Leofwine
		TYPE I. Var. *b*, Fig. 9.		
		LVNDVNE (London).		
5	+ENVT REEX	+BRVNGAR ON LV:	15	Brungar
6	+ „ REEX:	+GODRIE ON LVND	16·5	Godric
7	+ „ REEX·	+LEOFRIÐ ON LVN	15·5	Leofrith

No.	Obverse.	Reverse.	Weight.	Moneyer.
		TYPE II. Fig. 10. LVNDVNE (London).		
8*	+CNVT RECX :	+BRVNGAR ON LVN	grs. 16·5	Brungar
		TYPE VII. Fig. 11. EOFERPIC (York).		
9	+CNVT REX ANGLORV	+BRETETCOL· O EO·	14	Bretetcol
		LINCOLNE (Lincoln).		
10*	+CNVT REX ANGLORVM	+ÆLFNOÐ MO LINC	15·5	Ælfnoth
		TYPE VIII. Fig. 12. EOFERPIC (York).		
11	+C·NVT REX ·ANG	+ÆÐELPINE M-O EO :	15	Æthelwine
12	+ AN·	+FARERI M-O EOFR	14	Fareri
13	+ AN	+FRIÐCOL M-O EOFR :	16	Frithcol
14	+:CNVT REX A·	+GRIMOLF M-O EOFR·	15	Grimolf
15	+ „ „ „	+GRIMOLF M-O EOFR	15	„
16	+CNVT REX AN	+PVLTNOÐ M-O EOFR·	15·5	Wultnoth
		LVNDVNE (London).		
17*	+CNVT RECX :	+ÆLFGAR ON LVNDN	15·5	Ælfgar
18*	+CNVT ·.· R·ECX A·	+BRVNGAR ON LVN	14·5	Brungar
19*	+ „ R·EX A :	+EDPINE ON LVNDE	13	Edwine
20*	+ „ R·EX AN	+LEOFSTAN : ON LVN	15·5	Leofstan

ÆTHELRÆD II

Obverse Reverse Obverse Reverse

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CNVT

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BRITISH MUSEUM NATURAL HISTORY

CATALOGUE OF BRITISH PLANTS IN THE HERBARIUM OF THE YORKSHIRE PHILOSOPHICAL SOCIETY.

PART XI.

COMPILED BY HENRY J. WILKINSON, HON. CURATOR, BOTANY.

CAMPANULACEÆ.

		DATE.	COLLECTOR.	HERBARIUM.
730. Lobelia Dortmanna, Linn.				
Lakes in Scotland, Cumberland, Wales, Shropshire, Ireland.				
Distrib. W. France to Mid. Russia, N. America.				
Sp.	Derwentwater, Cumberland ...	1820	W. Middleton	W. Middleton
	Scotland ...	1810	,,	,,
	Coniston Water ...	1804	J. Hailstone	S. Hailstone
	Sutherland ...	(1820)	Giles Munby	Giles Munby
	Snowdon, Wales ...	1884	H. Fisher	H. J. Wilkinson
731. Lobelia urens, Linn.				
Moors near Axminster.				
Distrib. W. France, Spain, Maderia.				
Sp.	Shute near Axminster, Devon ...	1840	Dr. Bromfield	S. Hailstone
	Kilmington Common, near Axminster	1840	W. R. Crotch	S. Hailstone
	Near Axminster, Devon ...	(1840)	F. O. Morris	Rev. J. Dalton
	Kilmington, Axminster, Devon ...	1877	F. H. Weekes	F. H. Weekes

	DATE.	COLLECTOR.	HERBARIUM.
732. Jasione montana, Linn.			
Sandy fields and heaths.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Copgrove, Yorks.	1790	J. Dalton	Rev. J. Dalton
Isle of Man	1841	S. Hailstone	S. Hailstone
Bradford, Yorks.	1840	,,	,,
Heslington, York	1883	H. J. Wilkinson	H. J. Wilkinson
733. Wahlenbergia hederacea, Rchb.			
Moist turfy ground, W. of England, S. and E. Ireland.			
Distrib. W. Europe.			
Sp. St. Leonard's Forest.	(1820)	Mrs. Sutton	Rev. J. Dalton
Capel Curig, Denbighshire	1810	W. Middleton	W. Middleton
Hampstead Heath, Middlesex	1847	Hy. Taylor	S. Hailstone
Banks of Clyde	1810	W. J. Hooker	Rev. J. Dalton
Inniscarra, Co. Cork	1891	R. A. Phillips	H. J. Wilkinson
734. Phyteuma orbiculare, Linn.			
Chalky soils, Kent to Wilts.			
Distrib. Europe from Belgium southwards, to S. Russia.			
Sp. Eastbourne, Sussex	1833	Dr. Bromfield	S. Hailstone
South Downs	1820	J. Dalton	Rev. J. Dalton
Croydon, Surrey	(1810)	Turner	,,
Brighton, Sussex	1820	W. Middleton	W. Middleton
735. Phyteuma spicatum, Linn.			
Shady places in Sussex.			
Distrib. Europe to S. Russia.			
Sp. No locality			Rev. J. Dalton
736. Campanula glomerata, Linn.			
Dry pastures, Forfar to Somerset.			
Distrib. Europe, N. and W. Asia.			
Sp. Devil's Ditch, Cambs.	1839	S. Hailstone	S. Hailstone
Fairfield, York	1884	J. W. Donaldson	Y. P. S.
Thorp Arch, Yorks.	1840	S. Hailstone	S. Hailstone
Copgrove ,,	1790	Rev. J. Dalton	Rev. J. Dalton
Snowdon, Wales	1806	W. Middleton	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
737. Campanula Trachelium, Linn.			
Shady places, Anglesea and York, southwards.			
Distrib. Europe, Siberia, N. Africa.			
Sp. Norwich, Norfolk	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
738. Campanula latifolia, Linn.			
Shady places from Banff to N. Wales, Surrey.			
Distrib. W. Europe to Himalayas.			
Sp. Thorp Arch, Yorks.	(1806) ...	S. Hailstone ...	S. Hailstone
Shipley ,, ...	1820 ...	S. Hailstone ...	S. Hailstone
Croft ,, ...	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Copgrove ,, ...	1790 ...	,, ...	,,
Fulford, York	1820 ...	W. Middleton ...	W. Middleton
Clifton Ings, York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
739. Campanula rapunculoides, Linn.			
Hedge banks from Fife to Bedford, Dorset.			
Distrib. Europe, W. Siberia.			
Sp. No locality		Rev. J Dalton ...	Rev. J. Dalton
740. Campanula rotundifolia, Linn.			
Dry banks and moorlands.			
Distrib. N. Europe, N. Africa, N. America.			
Sp. St. Albans, Herts.	1833 ...	H. D. Henslow ...	B. Baker
Croft, Yorks.	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Acomb, York	1816 ...	S. Hailstone ...	S. Hailstone
Snowdon, Wales	1806 ...	W. Middleton ...	W. Middleton
741. Campanula persicifolia, Linn.			
Naturalized in woods, etc.			
Distrib. Europe, N. Africa, W. Asia, and Siberia.			
Sp. Thorp Arch, Yorks.	1806 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
742. Campanula Rapunculus, Linn.			
Roadsides from Fife southwards.			
Distrib. Denmark southwards, Siberia, and N. Africa.			
Sp. Bexley, Kent	1848 ...	Jos. B. French ...	S. Hailstone
743. Campanula patula, Linn.			
Hedges, Yorks. and Northumberland to Dorset and Hants.			
Distrib. Europe, W. Siberia.			
Sp. Hillbury Hill, Worcester	1840 ...	E. Lees	S. Hailstone
No locality	...	Robson	Rev. J. Dalton
744. Specularia hybrida, DC.			
Cultivated fields from Durham southwards, Fife and Haddington in Scotland.			
Distrib. Europe from Holland southwards, N. Africa.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bottisham, Cambs.	1845 ...	S. Hailstone ...	S. Hailstone
Heslington Fields, York	1800 ...	W. Middleton ...	W. Middleton
,, ,, ...	1840 ...	H. Baines ...	H. J. Wilkinson

ERICACEÆ.

745. Vaccinium Vitis-idæa, Linn.			
Elevated moors and woods from S. Wales and Notts northwards, Dartmoor.			
Distrib. Europe, Siberia, N. America.			
Sp. Shipley Moor Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Halifax ,, ...	1840 ...	H. Baines ...	
Dallow Gill, Ripon ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley ,, ...	(1820) ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.

746. Vaccinium uliginosum, Linn.

Mountain bogs, Durham and Westmorland, northwards.

Distrib. Arctic Europe, N. Asia, N. America.

Sp. Ben Lawers	1809 ...	W. Middleton ...	W. Middleton
Walker s Hill, Moor Riggs, Durham	1824 ...	S. Hailstone ...	S. Hailstone

747. Vaccinium Myrtillus, Linn.

Heaths and Copses, N. to Shetland.

Distrib. Europe, W. Asia, N. W. America.

Sp. Copgrove Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Terrington Carr ,, ...	1810 ...	W. Middleton ...	W. Middleton
Wolsingham, Durham	(1806) ...	S. Hallstone ...	S. Hailstone
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, ...	1916 ...	A. Templeman ...	,,

748. Vaccinium macrocarpum, Ait.

Bogs.

Distrib. N. America, probably introduced in the Island "Terschelling" (N. Holland).

Sp. Mold, Flintshire (Boughton Bog) "not native"	1847 ...	Dr. Bidwell ...	S. Hailstone

749. Vaccinium Oxycoccos, Linn.

Spongy bogs from Somerset to Shetland.

Distrib. Europe (excluding Turkey), Asia, and N. America.

Sp. Terrington Carr, Yorks.	1800 ...	W. Middleton ...	W. Middleton
Tanfield ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Leckby Carr ,, ...	1822 ...	S. Hailstone ...	S. Hailstone
Strensall Common ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,,	1916 ...	A. Templeman ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
750. Arbutus Unedo, Linn.			
Woods in S. of Ireland.			
Distrib. S. France, Spain and Mediterranean regions.			
Sp. Killarney, Ireland	1810 ...	W. J. Hooker ...	S. Hailstone
751. Arctostaphylos alpina, Spreng.			
Dry Scotch mountains (Perth and Forfar northwards.)			
Distrib. N. and Mid. Europe, N. Asia and America.			
Sp. Clova	(1840) ..	J. H. Balfour ...	S. Hailstone
Ben Wyvis	1842 ...	,, ...	,,
Loch Errboll, Sutherland	1832 ...	H. C. Watson ...	,,
Hoy, Orkney	(1837) ...	Giles Munby ...	,,
Ben Nevis	1840 ...	S. Hailstone ...	,,
,, ...	1810 ...	Hooker	Rev. J. Dalton
752. Arctostaphylos Uva-ursi, Spreng.			
Heathy moors Yorkshire to Scotland, and N.W. Ireland.			
Distrib. Europe (excluding Greece and Turkey), Siberia, N. America.			
Sp. Hexham, Northumberland	1820 ...	S. Hailstone ...	S. Hailstone
Cronkley Fell, Yorks.	1844 ...	...	,,
Blair Atholl	1810 ...	W. Middleton ...	W. Middleton
Scotland (Clova)	1810 ...	,, ...	,,
Abba Wood, Hebden Bridge, Yorks...	1801 ...	S. Hailstone ...	S. Hailstone
753. Andromeda polifolia, Linn.			
Peat bogs from Perthshire to Norfolk and Somerset, Ireland.			
Distrib. N. Europe, N. America.			
Sp. Hebden Bridge	1801 ...	S. Hailstone ...	S. Hailstone
Dumfries	1820 ...	,, ...	,,
Hellith Moors, near Settle	1845 ...	H. Ibbotson ...	,,
Prestwick Carr, Northumberland ...	1801 ...	Mr. Winch ...	Rev. J. Dalton
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, ...	1916 ...	A. Templeman ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

754. Calluna vulgaris, Salisb.

Heathy ground, ascending to 3,000 ft., in Scotland.

Distrib. Europe, Siberia, Greenland, Newfoundland, N. America.

Sp. Shipley Moors, Yorks.	1806	S. Hailstone	S. Hailstone
Delamere Forest, Cheshire	1807	,,	,,
Stockton Forest, Yorks.	(1799)	,,	,,
Fawdington Common, Yorks.	1829	Rev. W. Gray	H. J. Wilkinson
Helmsley, Yorks.	1820	Miss Watson	W. Middleton
Ben Lawers	1838	B. Baker	B. Baker

755. Erica ciliaris, Linn.

Peaty moors Cornwall and Dorset, Galway.

Distrib. N. France.

Sp. Truro, Cornwall	1836	B. Baker	B. Baker
Cornwall	1840	Mrs. Fox	S. Hailstone
Truro, Cornwall	1841	Miss Warren	,,
Cornwall	1834	Dr. Emerson	,,

756. Erica Tetralix, Linn.

Peaty moors N. to Shetland, etc.

Distrib. N. and W. Europe to Russia.

Sp. Leckby Carr, Yorks.	1807	Rev. J. Dalton	Rev. J. Dalton
Esher, Surrey	1843	H. C. Watson	S. Hailstone
Leckby Carr, Yorks.	1835	Rev. W. Gray	H. J. Wilkinson

757. Erica Mackayi, Hook.

Peaty moors, Ireland.

Distrib. Spain.

Sp. Roundstone, Connemara	1837	J. H. Balfour	S. Hailstone

758. Erica cinerea, Linn.

Peaty moors N. to Shetland.

Distrib. W. Europe, Germany, N. Italy.

Sp. Ben Nevis	1828	B. Baker	B. Baker
Guisbro', Yorks	1835	Rev. W. Gray	H. J. Wilkinson
Heslington Fields, York	(1800)	S. Hailstone	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
759. Erica vagans, Linn.			
Moors in Cornwall.			
Distrib. France, Spain and Portugal.			
Sp. Cornwall	(1840) ...	B. Baker ...	B. Baker
,, ...	1810 ...	Dr. Smith ...	S. Hailstone
The Lizard, Cornwall	1841 ...	Mrs. Warren ...	,,
Cornwall	(1810) ...	Sir T. Gage ...	Rev. J. Dalton
The Lizard, Cornwall	1891 ..	F. H. Weekes ...	F. H. Weekes
760. Erica mediterranea, Linn.			
Boggy heaths, Mayo and Galway.			
Distrib. S. and W. France, Spain and Portugal.			
Sp. Kyloe Loughman	1850 ...	Dr. Melville ...	S. Hailstone
Connemara	1838 ...	J. H. Balfour ...	,,
761. Azalea procumbens, Linn.			
Scotch Alps up to 3,600 feet.			
Distrib. Arctic Europe, Asia, America.			
Sp. Clova	1837 ...	Dr. Balfour ...	S. Hailstone
Ben Lawers	1820 ...	E. Donn ...	Rev. J. Dalton
Ben y Gloe, Perthshire	1810 ...	J. Dalton ...	,,
Lochnagar, Aberdeenshire	1810 ...	,, ...	,,
Ben y Gloe, Perthshire	(1820) ...	W. Middleton ...	W. Middleton
Lochnagar, Aberdeenshire	1887 ...	H. Fisher ...	H. J. Wilkinson
762. Menziesia polifolia, Don.			
Boggy heaths, Mayo and Connemara.			
Distrib. Ireland, W. France, Spain Portugal.			
Sp. Galway, Ireland	1838 ...	Dr. Balfour ...	S. Hailstone
Specimens from Robert Teesdale, E. Donn, and Miss Watson, no locality or date.			
763. Pyrola rotundifolia, Linn.			
Moist woods from Forfar and Aberdeen to Shropshire and Kent.			
Distrib. Arctic Europe (except Greece and Turkey), N. Asia, Himalaya, N. America.			
Sp. Castle Eden Dene, Durham ...	1810 ...	Jas. Backhouse ...	S. Hailstone
Knaresboro', Yorks.	1840 ...	S. Hailstone ...	,,
Southport, Lancs.	1840 ...	J. B. Wood ...	,,
Sawley, near Ripon, Yorks.	1800 ...	W. Brunton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.

764. Pyrola media, Sw.

Woods and heaths, Sussex and Worcester northward.

Distrib. Europe (except Greece and Turkey).

Sp. Seamer Moor, Yorks.	1810	W. Middleton	W. Middleton
Lytham, Lancs. (probably *maritima*, Kenyon)(H.J.W.)	(1800)	S. Hailstone	S. Hailstone
Brechin	1839	,,	,,
Castle Howard, Yorks.	1830	,,	,,

765. Pyrola minor, Linn.

Woods and heaths from Sutherland to Kent and Devon.

Distrib. Arctic Europe, (excepting Turkey), E., W. and N. America.

Sp. Cockfield, Durham	1810	Jas. Backhouse	S. Hailstone
Bolton Abbey, Yorks.	1821	Mr. Carr	,,
Hackfall ,,	1800	W. Brunton	,,
Terrington ,,	1843	Hy. Ibbotson	
Hill of Kinnoul	1829	S. Hailstone	,,
Stockton Common, Yorks.	(1800)	,,	,,
Falls of Clyde	1829	,,	,,
Holtby, Yorks.	1882	H. J. Wilkinson	H. J. Wilkinson

766. Pyrola secunda, Linn.

Rocky mountain woods, Teesdale, Keswick, Dumfries from Perth and Dumfries northwards.

Distrib. Europe, Siberia, W. Asia, N. America.

Sp. Cawdor Woods, Nairn	1844	W. A. Stables	S. Hailstone
Blair Athol, Perth	1810	W. Middleton	W. Middleton
Loch Erich, Inverness	1806	Rev. J. Dalton	Rev. J. Dalton

767. Pyrola uniflora, Linn.

Woods in N. Highlands of Scotland.

Distrib, Arctic Europe (excluding Greece and Turkey), Siberia, N. America.

Sp. Perthshire, label only	1837	Walker Arnott	S. Hailstone

Note : "I cannot find the specimen from Walker Arnott."

There is a specimen from Russia sent by Mr. Harriman to Rev. J. Dalton, also a specimen of *Pyrola umbellata*, no locality or collector.

H.J.W.

MONOTROPEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
768. Monotropa Hypopitys, Linn.			
Fir and Beech woods.			
Distrib. Arctic Europe (excluding Greece and Turkey), Siberia, N. America.			
Sp. South Cave, Yorks.	1909 ...	J. F. Robinson ...	H. J. Wilkinson
Southport, Lancs.	1840 ...	J. B. Wood ...	S. Hailstone
Berkshire	(1800) ...	Dawson Turner ...	,,
Thorp Arch, Yorks.	(1840) ...	Henry Baines ...	,,
Studley Woods ,, ...	(1810) ...	Rev. J. Dalton ...	Rev. J. Dalton
	...	Mrs. Strickland ...	W. Middleton

PLUMBAGINEÆ.

769. Statice Limonium. Linn.			
Muddy shores, E. and W. England, Ireland.			
Distrib. Europe, N. Africa, and N. America.			
Sp. Coatham, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
Whitby ,, ...	1810 ...	W. Middleton ...	W. Middleton
Coatham ,, ...	1820 ...	Rev. J. Dalton ..	Rev. J. Dalton
770. Statice rariflora, Drej.			
Muddy sea shores.			
Distrib. N.W. Europe, England and Scotland.			
Sp. Galloway	1843 ...	J. H. Balfour ...	S. Hailstone
771. Statice spathulata, Hook.			
Sea shores.			
Distrib. Coasts of France, Spain, and Mediterranean.			
Sp. Kent	(1810) ...	Hooker	Rev. J. Dalton
Rottingdean, Sussex	(1810) ...	Borrer	,,
Mull of Galloway	1843) ...	J. H. Balfour ...	S. Hailstone
Shakespeare's Cliff, Dover	1833 ...	S. Hailstone ...	,,
Lyddon Spout, between Dover and Folkestone	1840 ...	Dr. Bromfield ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
772. Statice reticulata, Linn.			
Salt marshes, Lincoln, Cambridge, Norfolk.			
Distrib. Coasts of France, Mediterranean, Black Sea and E. Asia.			
Sp. Heacham, Norfolk	1896 ...	F. H. Weekes. ...	F. H. Weekes
Holm ,, ...	(1809) ...	Rev. J. Dalton ...	Rev. J. Dalton
773. Armeria vulgaris, Willd.			
Sea shores and mountains.			
Distrib. N. Europe, Asia, N. America, Chili.			
Sp. Ben Lomond	1842 ...	J. H. Balfour ...	S. Hailstone
Whitby, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Giant's Causeway	(1820) ...	,, ...	,,
Hartlepool, Durham	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Cramond Island	1828 ...	W. R. Bain ...	B. Baker
Coatham, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

PRIMULACEÆ.

774. Hottonia palustris, Linn.			
Ponds and ditches from Durham and Westmorland southwards, Ireland Co. Down.			
Distrib. Europe eastward to Russia and Siberia (excluding Spain, Greece, and Turkey).			
Sp. Grandchester, Cambs.	1845 ...	Miss J. Hailstone	S. Hailstone
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bottisham Fen, Cambs.	1839 ...	S. Hailstone ...	S. Hailstone.
Ditches at Battersea	1803 ...	,, ...	,,
Askham Bogs, Yorks.	1800 ...	,, ...	,,
In the ditch in the field beyond Mr. Bealby's house at the Mount, York	1830 ...	,, ...	,,
775. Primula vulgaris, Huds.			
Copses, pastures, etc.			
Distrib. Europe, N. Africa.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Settle, Yorks., var. *caulescens* ...	1840 ...	M. W. Thompson	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
776. Primula veris, Linn.			
Meadows, hedgebanks, etc.			
Distrib. Europe, W. Asia, N. Africa.			
Sp. A few straggling specimens in the pastures at Bolton, nr. Bradford, Yorks.	1827	S. Hailstone	S. Hailstone
Copgrove, Yorks.	1790	Rev. J. Dalton	Rev. J. Dalton
777. Primula elatior, Jacq.			
Meadows, etc., Suffolk, Essex, Cambridge, and Bedford.			
Distrib. Europe (excluding Greece and Turkey), Siberia.			
Sp. Bardfield, Essex	1844	John Ray	S. Hailstone
778. Primula farinosa, Linn.			
Boggy meadows and roadsides from Yorkshire northwards.			
Distrib. Europe, Siberia to Mongolia, Greenland, N. U.S. America.			
Sp. Huby, Yorks.	1840	H. Baines	H. J. Wilkinson
Malham ,,	1799	S. Hailstone	S. Hailstone
Copgrove ,,	1790	Rev. J. Dalton	Rev. J. Dalton
Mackershaw Wood, Ripon	1824	W. Middleton	W. Middleton
Widdy Bank, Durham	1883	H. J. Wilkinson	H. J. Wilkinson
779. Primula scotica, Hook.			
Pastures in Orkney, Caithness, and Sutherland.			
Distrib. Lapland, Norway, & Sweden.			
Sp. Durness, Sutherland	1833	G. Munby	G. Munby
781. Cyclamen hederæfolium, Ait.			
Hedges and copses, Kent, Sussex, a denizen.			
Distrib. S. Europe, N. Africa, W. Asia.			
Sp. Suffolk	(1800)	D. Turner	Rev. J. Dalton
782. Lysimachia thyrsiflora. Linn.			
Bogs, etc., Lanark, Forfar, York, Cumberland, Notts., Wilts., and Cheshire, absent Ireland.			
Distrib. N. Europe, Siberia, N. America.			
Sp. Lakeby Carr, Yorks.	1822	S. Hailstone	S. Hailstone
,, ,,	1834	Rev. W. Gray	H. J. Wilkinson
,, ,,	1820	W. Middleton	W. Middleton
,, ,,	1790	Rev. J. Dalton	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
783. Lysimachia vulgaris, Linn.			
Ditches and boggy places, Aberdeen southwards.			
Distrib. N. Europe, N. Africa, N. Asia.			
Sp. Anglesey Abbey	1848 ...	S. Hailstone ...	S. Hailstone
Askham Bogs, Yorks.	1815 ...	Walter Fawkes ...	,,
Given to me by Walter Fawkes, Esq. of Farnley, as a specimen of his mode of preserving plants, Jan. 18th, 1815.			
784. Lysimachia Nummularia, Linn.			
Damp shady places, Durham, Kent, and Devon.			
Distrib. Europe.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ings out of North Street Postern, York	1800 ...	S. Hailstone ...	S. Hailstone
785. Lysimachia nemorum, Linn.			
Damp woods from Caithness, southwards.			
Distrib. Europe (excluding Russia Greece, and Turkey).			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley ,, ...	1820 ...	S. Hailstone ...	S. Hailstone
786. Trientalis europæa, Linn.			
Sub-Alpine woods, York and Lancs. northwards.			
Distrib. Arctic Europe, Italy and N. Asia.			
Sp. Blair Athol, Perthshire	1810 ...	S. Hailstone ...	S. Hailstone
Rombald's Moor, Yorks.	1799 ...	,, ...	,,
Swill Hill, Halifax ,, ...	1833 ...	,, ...	,,
Thornton	1848 ...	M. Birkbeck ...	,,
Dallow Gill, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scarborough ,, ...	(1820) ...	W. Middleton ...	W. Middleton
Scotland	1809 ...	Hooker	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
787. Glaux maritima, Linn.			
Muddy sea shores, also salt districts in Worcester & Stafford to Shetland.			
Distrib. Arctic Europe, N. & W. Asia, N. America.			
Sp. Whitby, Yorks.	1806 ...	Rex. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1800 ...	W. Middleton ...	W. Middleton
Blackpool, Lancs.	1801 ...	S. Hailstone ...	S. Hailstone
Coatham, Yorks.	1799 ...	,, ...	,,
788. Anagallis arvensis, Linn.			
Fields and waste places, Elgin southwards.			
Distrib. Europe, N. Africa, Siberia, W. Asia. Introduced in America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
York	1806 ...	W. Middleton ...	W. Middleton
Heslington Fields, York	1800 ...	S. Hailstone ...	S. Hailstone
789. Anagallis cærulea, Schb.			
Fields with arvensis.			
Sp. Reigate, Surrey	1840 ...	Jos. Freeman ...	S. Hailstone
790. Anagallis tenella, Linn.			
Marshes & wet places, N. to Shetland.			
Distrib. Europe (excluding Russia), Siberia, N. Africa, temperate S. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bramham Moor, Yorks.	1807 ...	S. Hailstone ...	S. Hailstone
Near Bingley	1807 ...	,, ...	,,
Ilkley, Yorks.	1807 ...	,, ...	,,
791. Centunculus minimus, Linn.			
Damp sandy places, Inverness southwards.			
Distrib. Europe (excluding Greece and Turkey), Asia, and America.			
Sp. Stockton Forest, Yorks.	1822 ...	J. Backhouse ...	S. Hailstone
Houghton Moor, near Newbold, E.R	1790 ...	R. Teesdale ...	Rev. J. Dalton
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
792. Samolus Valerandi, Linn.			
Wet places ond ditches, Skye and Moray southwards.			
Distrib. N. Hemisphere.			
Sp. In the sandy fields near Lytham, Lancs.	1801 ...	S. Hailstone ...	S. Hailstone
Bottisham, Cambs.	1839 & 1843	,, ...	,,
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

OLEACEÆ.

793. Ligustrum vulgare, Linn.			
York and Durham southward, S. Ireland.			
Distrib. Europe and N. Africa.			
Sp. Coatham (Huntcliff pastures), Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Saltburn, Yorks.	1822 ...	,, ...	,,

APOCYNACEÆ.

794. Vinca major, Linn.			
Naturalized alien.			
Distrib. Europe and N. Africa.			
Sp. Bath (not truly wild)	1831 ...	Dr. Bromfield ...	S. Hailstone
Chatham, Kent	1806 ...	W. Middleton ...	W. Middleton
Banks of Wharfe, Yorks.	(1800) ...	W. Brunton ...	Rev. J. Dalton
795. Vinca minor, Linn.			
Stafford southwards, usually naturalized.			
Distrib. Europe, W. Asia.			
Sp. Wood at Mayroyd, Yorks.	1801 ...	S. Hailstone ...	S. Hailstone
Castlebar, near Settle	(1820) ...	,, ...	,,
Ramsgate, Kent	(1810) ...	W. Middleton ...	W. Middleton
Tanfield, Yorks.	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton

GENTIANEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
796. Exacum filiforme, Sm.			
Sandy banks on South Coast.			
Distrib. Europe from Denmark southwards, Azores.			
Sp. St. Leonard's Forest	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Tilgate Forest, Sussex	1841 ...	J. Freeman ...	S. Hailstone
797. Chlora perfoliata, Linn.			
Chalk and clay banks from York southwards.			
Distrib. Europe (excluding Greece).			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Sandhills between Liverpool & Bootle	1801 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1831 ...	,, ...	,,
Huddlestone Quarry, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
798. Erythræa Centaurium, Pers.			
Dry banks and pastures.			
Distrib. Europe, N. Africa, N. Asia, rare in N. America.			
Sp. Croft, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Apperley Bridge, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Isle of Arran	1838 ...	Baker	Baker
799. Erythræa latifolia, Sm.			
Sandhills, Lancashire.			
Sp. Erin Bay, Isle of Man	1841 ...	S. Hailstone ...	S. Hailstone
This is *E. Centaurium* var. *capitata*, Koch. A.B.			
800. Erythræa pulchella, Fr.			
Sandy places on coast.			
Distrib. Europe (excluding Scandinavia and Russia).			
Sp. Lowestoft, Suffolk	(1790)...	Relham	S. Hailstone
Margate, Kent	1840 ...	Jno. Reynolds ...	,,
801. Erythræa littoralis, Fr.			
Sandy shores.			
Distrib. Europe.			
Sp. North Shore, Liverpool	(1840) ...	S. Gibson ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.

802. Gentiana Pneumonanthe, Linn.

Damp moors from Cumberland, Yorkshire, southwards.

Distrib. Europe, N. Asia, and a form in N. America.

Sp. Langford Moor, near Newark, Notts...	1820 ...	W. Middleton ...	W. Middleton
Bagnley Moor, Cheshire	1840 ...	Dr. J. B. Wood ...	S. Hailstone
Near Thornton Bridge	1802 ...	S. Hailstone ...	,,
Near Helperby, Yorks.	1798 ...	Rev. J. Dalton ...	Rev. J. Delton
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Skipwith ,, ,, ...	1890 ...	,, ...	,,

803. Gentiana verna, Linn.

Sub-Alpine limestone districts in N. Yorks. & Durham, Ireland (Mayo, Galway & Clare).

Distrib. S. Europe, Turkey, Siberia, W. Asia.

Sp. Teesdale	1840 ...	Hustler	S. Hailstone
,, ...	1800 ...	Robson	,,
,, ...	1820 ...	W. Brunton ...	Rev. J. Dalton
Widdy Bank, Durham	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

804. Gentiana nivalis, Linn.

Breadalbane and Clova Mountains.

Distrib. N. & Mid Europe & America.

Sp. Glen Isla, Forfar	1846 ...	J. H. Balfour ...	S. Hailstone
Ben Lawers	1839 ...	Dr. Greville ...	,,
Glen Isla	1832 ...	R. K. Greville ...	Rev. J. Dalton

805. Gentiana Amarella, Linn.

Dry pastures and banks from Shetland southwards.

Distrib. Europe, Siberia, Daharea.

Sp. In the glen at White Nab at Scarboro'	1806 ...	W. Middleton ...	W. Middleton
Bramham Moor, Yorks	1800 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
806. Gentiana campestris, Linn.			
Dry pastures and banks from Shetland southwards.			
Distrib. Europe (excluding Turkey), Siberia.			
Sp. Dalmally, Scotland	1810 ...	S. Hailstone ...	S. Hailstone
Scarisbrick, Lancs.	1801 ...	,, ...	,,
Fort Augustus, Inverness	1809 ...	W. Middleton ...	W. Middleton
Brodick, Arran	1838 ...	Jas. Clapperton ...	B. Baker
Meal Ghardy	1828 ...	W. P. Bain ...	B. Baker
807. Menyanthes trifoliata, Linn.			
Wet boggy ground, North to Shetland.			
Distrib. Europe, Asia, N. America.			
Sp. Rombolds Moor, Yorks.	1820 ...	W. Middleton ...	W. Middleton
Scarisbrick, Lancs.	1801 ...	S. Hailstone ...	S. Hailstone
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
808. Villarsia nymphæoides, Linn.			
From Norfolk and Gloucester to Sussex, naturalized further north.			
Distrib. Europe, N. and W. Asia, S. W. India.			
Sp. Richmond, Surrey	1834 ...	S. C. Baker and G. Tyeman ...	B. Baker
Castle Howard Lake, Yorks. ...	(1820) ...	W. Middleton ...	W. Middleton
Earith, Hunts.	1833 ...	Squire	S. Hailstone

POLEMONIACÆA.

810. Polemonium cæruleum, Linn.			
Limestone districts from Stafford and Derby northwards, alien in Scotland and Ireland.			
Distrib. Europe, Asia, N. America.			
Sp. Malham Cove, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Calamine Pits, near Settle	1840 ...	Jno. Tatham ...	S. Hailstone
Queensferry, Scotland	1840 ...	S. Hailstone ...	,,
Gordale, Yorks.	1807 ...	,, ...	,,
Between Collingham and Boston Spa	1833 ...	,, ...	,,

BORAGINEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
811. Cynoglossum officinale, Linn.			
Waste places from Ross and E. of Scotland southwards, Ireland.			
Distrib. Europe, N. Africa, W. Asia, and Siberia.			
Sp. Ireland	1830 ...	J. T. Mackay ...	S. Hailstone
811a. Cynoglossum sylvaticum, Hke.			
Waetc places Mid. and E. England, Dublin, and naturalized in Scotland.			
Distrib. S. Europe.			
Sp. Ireland	1830 ...	J. T. Mackay ...	S. Hailstone
812. Asperugo procumbens, Linn.			
Waste places from Moray southwards, Denizen.			
Distrib. Europe, W. Asia, to N.W. India.			
Sp. Wangford, Suffolk	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1810 ...	Hooker	,,
Purfleet, Essex	1820 ...	Borrer	,,
Woolwich	1846 ...	W. McIvor ...	S. Hailstone
813. Symphytum officinale, Linn.			
River banks and wet places from Caithness, southwards.			
Distrib. Europe, W. Siberia.			
Sp. Severus Hill, Acomb, York	1800 ...	S. Hailstono ..	S. Hailstone
Netley Abbey, Hants.	1810 ...	W. Middleton ...	W. Middleton
Grandchester, Cambs.	1839 ...	S. Hailstone ...	S. Hailstone
814. Symphytum asperrimum, Bieb.			
Not native. "A fodder plant."			
Distrib. Asia.			
Sp. Near Bath, Somerset	1840 ...	Jno. B. French ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
815. Symphytum tuberosum, Linn.			
Copses and wet places from Wales and York to Isla and Elgin.			
Distrib. Mid. Europe, France, to S. Russia.			
Sp. Island in Lake of Forfar, Scotland ...	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton
816. Borago officinalis, Linn.			
Waste ground in England and Channel Islands.			
Distrib. Mid. and S. Europe, N. Africa. Introduced in America.			
Sp. Thorne, Kent	1820 ...	W. Middleton ...	W. Middleton
Bridlington Quay, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Kirkleatham, Yorks.	1820 ...	,, ...	,,
Ripley, Yorks.	1824 ...	,, ...	,,
817. Anchusa officinalis, Linn.			
Ballast hills, Northumberland, and near Glasgow.			
Distrib. Europe.			
Sp. Heartley, Northumberland	1820 ...	Jas. Backhouse ...	S. Hailstone
Hartley Pans, Northumberland ...	1800 ...	W. Brunton ...	Rev. J. Dalton
818. Anchusa sempervirens, Linn.			
Waste places from Ross, southwards, Ireland.			
Distrib. W. Europe, Belgium to Lombardy.			
Sp. Dawlish, Devon	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Lewes, Sussex	1809 ...	W. Middleton ...	W. Middleton
Mayroyd, Yorks.	1806 ...	S. Hailstone ...	S. Hailstone
Whalley Abbey, Lancs.	1809 ...	,, ...	,,
Bingley, Yorks.	1835 ...	,, ...	,,
Jersey	1832 ...	Dr. Bromfield ...	,,
Frenshay, near Bristol, Glos. ...	1831 ...	S. C. Baker ...	B. Baker

	DATE.	COLLECTOR.	HERBARIUM.
819. Lycopsis arvensis, Linn.			
Cornfields.			
Distrib. Europe, W. Siberia, W. Asia, and N.W. India.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Formby, Lancs.	1805 ...	,, ..	,,
820. Pulmonaria angustifolia, Linn.			
Copses, Isle of Wight, Hants & Dorset.			
Distrib. Europe (excluding Turkey and Greece).			
Sp. Isle of Wight, Hants...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
821. Pulmonaria officinalis, Linn.			
Woods, etc., England, South of Scotland, naturalized only.			
Distrib. Europe.			
Sp. Cliff Wood, Yorkshire	(1800) ...	Robson	S. Hailstone
822. Myosotis cœspitosa, F. Schultz.			
Wet places North to Shetland.			
Distrib. Europe, Asia, N. Africa, and N. America.			
Sp. Near Manchester, Lancs.	(1840) ...	Gibson	S. Hailstone
Sussex	1810 ...	Hooker	Rev. J. Dalton
823. Myosotis palustris, Relh.			
Wet places North to Shetland, Channel Islands.			
Distrib. Europe, Siberia, etc.			
Sp. Croft	1846 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scotland	1809 ...	Hooker	,,
Bottisham Fen, Cambs.	1839 ...	S. Hailstone ...	S. Hailstone
824. Myosotis repens, Don.			
Wet places, Channel Islands to Shetland			
Distrib. England, Scandinavia, etc.			
Sp. Ex. Hort	1810 ...	Wm. Backhouse ...	Rev. J. Dalton
Scotland	1809 ...	Hooker	,,

	DATE.	COLLECTOR.	HERBARIUM.
825. Myosotis alpestris, Schmidt.			
Alpine Rocks, Ben Lawers, Teesdale, etc.			
Distrib. Arctic Europe, N. Asia, N. America.			
Sp. Ben Lawers	1809 ...	G. K. Greville ...	Rev. J. Dalton
Dunmore Hill, Perthshire	(1840) ...	S. Hailstone ...	S. Hailstone
826. Myosotis sylvatica, Hoffm.			
Shady woods from Forfar southwards.			
Distrib. Europe, W. Asia, Siberia, Canaries, etc.			
Sp. Croft, Yorks....	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley, Yorks.	1884 ...	H. J. Wilkinson...	H. J. Wilkinson
827. Myosotis arvensis, Hoffm.			
Fields and waste places, Channel Islands to Shetland.			
Distrib. Europe, W. Asia, N. Africa, Siberia, N.W. India.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Redcar	1800 ...	S. Hailstone ...	S. Hailstone
828. Myosotis collina, Hoffm.			
Dry banks, etc., Channel Islands, North to Shetland.			
Distrib. Europe, N. Africa, N. Asia.			
Sp. Perthshire	1840 ...	Gibson	S. Hailstone
829. Myosotis versicolor, Reichb.			
Dry banks, etc., Channel Islands, North to Shetland.			
Distrib. Europe, N. Africa, N. Asia. Introduced to U.S. America.			
Sp. Costessey, Norfolk	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scotland	1809 ...	Hooker	,,
Norwich	(1820) ...	I. Backhouse ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
830. Lithospermum purpureo-cœruleum, Linn.			
Copses, Wales, Somerset, Devon, and Kent.			
Distrib. Europe, from Belgium southwards.			
Sp. Yatton, N. Somerset	1884 ...	H. Fisher ...	H. J. Wilkinson
831. Lithospermum officinale, Linn.			
Copses, etc., from Ross southwards.			
Distrib. Europe, W. Asia, Siberia.			
Sp. Kent	1809 ...	W. Middleton ...	W. Middleton
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hastings, Sussex	1820 ...	S. Hailstone ...	S. Hailstone
832. Lithospermum arvense, Linn.			
Cornfields, etc., from Ross southwards.			
Distrib. Europe, N. Africa, Asia, etc.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kirkstall Abbey, York.	1799 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1848 ...	,, ...	,,
833a. Lithospermum maritima, Lehn.			
Sea shores, Wales, Berwick to Shetland.			
Distrib. Lapland, Denmark, North and Arctic Shores of Asia and America.			
Sp. Thorny Hove...	1809 ...	W. Middleton ...	W. Middleton
Dunure, Ayrshire	(1840) ...	Dr. Maclagan ...	S. Hailstone
833. Echium vulgare, Linn.			
Sandy ground from Sutherland southwards.			
Distrib. Europe, N. Africa, Siberia. Introduced to N. America.			
Sp. Knapton, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Richmond, Yorks.	1821 ...	S. Hailstone ...	S. Hailstone
Bradford, Yorks.	1827 ...	,, ...	,,
Richmond, Surrey	1834 ...	S. C. Baker ...	B. Baker.
Eltham, Kent	1834 ...	,, ...	,,
Salisbury Crags	1828 ...	W. P. Bain ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
834. Echium violaceum, Hook and Ait.			
S.W. Jersey.			
Distrib. South Europe.			
Sp. Jersey	1836 ...	S. Hailstone ...	S. Hailstone

CONVOLVULACEÆ.

835. Convolvulus sepium, Linn.			
Hedges, from the Clyde southwards.			
Distrib. Europe, Siberia, N. Africa, N. and S. America, Australia, and New Zealand.			
Sp. Thorp Arch, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
Swithbridge, Ilkley, Yorks.	1809 ...	,, ...	,,
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
836. Convolvulus arvensis, Linn.			
Fields and waste places, North to Caithness, Channel Islands.			
Distrib. Europe, Asia, N. Africa.			
Sp. Ripon, Yorks.	1800 ...	Brunton	S. Hailstone
837. Convolvulus Soldanella, Linn.			
Sandy sea shores, from Isla and Forfar southwards, and Ireland.			
Distrib. Belgium southwards, N.Africa. W. Asia and South Temp. Regions.			
Sp. Sandwich, Kent	1820 ...	W. Middleton ...	W. Middleton
Galloway	1840 ...	J. H. Balfour ...	S. Hailstone
Yarmouth, Norfolk	1846 ...	S. Hailstone ...	S. Hailstone
Tunstall, E. Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
838. Cuscuta epilinum, Weihe.			
Parasite on Flax, England, Scotland, and Ireland.			
Distrib. Europe (excluding Russia), but not naturalized.			
Sp. No locality	...	...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
839. Cuscuta europæa, Linn.			
Parasite on Vetch, Nettle, &c., England from Yorks. to Dorset.			
Distrib. Europe, N. Africa, Siberia.			
Sp. Burkham	(1820) ...	Peirson	Rev. J. Dalton
840. Cuscuta Epithymum, Murr.			
Parasite on Furze, Thyme, Ling, etc.			
Distrib. Europe, Denmark southwards, N. Africa, W. Asia.			
Sp. Devonshire	1849 ...	Miss Hailstone ...	S. Hailstone
Southampton, Hants.	(1820) ...	Peirson	Rev. J. Dalton
841. Cuscuta Trifolii, Bab.			
Parasite on Clover and other plants.			
Distrib. Similar to *C. epithymum*, of which it is a variety.			
Sp. Earsham, Norfolk	1820 ...	D. Stock ...	S. Hailstone

SOLANACEÆ.

842. Solanum Dulcamara, Linn.			
Hedges, etc., from Islay and Ross southwards. A denizen in Scotland, rare in Ireland.			
Distrib. Europe, N. Africa, W. Asia to N.W. India, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Aberdour	1828 ...	B. Baker ...	B. Baker
843. Solanum nigrum, Linn.			
Waste and cultivated ground.			
Distrib. Throughout the Tropical and Temperate world.			
Sp. Bletchworth, Cambs....	1839 ...	S. Hailstone ...	S. Hailstone
Worthing, Sussex	(1809) ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
844. Atropa Belladonna, Linn.			
Mostly on calcareous soil from Westmorland southwards. Rare and near houses in Forfar, Argyle & Ireland.			
Distrib. Europe, from Denmark southwards, N. Africa, introduced N. America.			
Sp. Poulton-on-Sands, Lancs.	1834 ...	S. Hailstone ...	S. Hailstone
Aberford, Yorks.	1806 ...	,, ...	,,
Bramham and Jackdaw Crag, Thorp Arch, Yorks.	1801 ...	,, ...	,,
Arundel Castle, Sussex	(1809) ...	W. Middleton ...	W. Middleton
Knaresborough, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
845. Datura Stramonium, Linn.			
A casual weed.			
Distrib. S. Europe.			
Sp. Yarmouth, Norfolk	1809 ...	W. Middleton ...	W. Middleton
846. Hyoscyamus niger, Linn.			
A casual, in waste places.			
Distrib. Europe, N. Africa, Siberia, W. Asia.			
Sp. Poulton-on-Sands, Lancs.	1834 ...	S. Hailstone ...	S. Hailstone
Redcar	1821 ...	,, ...	,,
Coatham	1800 ...	,, ...	,,
Bridlington	1820 ...	,, ...	,,

SCROPHULARINÆ.

847. Verbascum Thapsus, Linn.			
Waste places from Arran and Forfar southwards, and Ireland.			
Distrib. Europe, W. Asia, Siberia.			
Sp. Deepdale, Thorp Arch, Yorks. ...	1847 ...	S. Hailstone ...	S. Hailstone
Huddleston Quarry, Yorks.	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
848. Verbascum pulverulentum, Vill.			
Waste places, Norfolk and Suffolk.			
Distrib. Europe, from Belgium southwards (excluding Greece & Russia).			
Sp. Heacham, Norfolk	1896 ...	F. H. Weekes. ...	F. H. Weekes

	DATE.	COLLECTOR.	HERBARIUM.
849. Verbascum lychnitis, Linn.			
Waste places, Suffolk, Stafford, and Denbigh southwards.			
Distrib. Europe (South of Denmark), W. Asia.			
Sp. Caxton, Kent...	1828 ...	Prof. Henslow ...	Rev. J. Dalton
Cobham, Kent	1892 ...	Dr. Ornam S. Broody ...	W. Whitwell
850. Verbascum nigrum, Linn.			
Waste places, Notts. and Stafford southwards.			
Distrib. Europe, Siberia.			
Sp. Falmouth, Cornwall	1830 ...	L. Squires ...	S. Hailstone
Newmarket, Cambs.	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Devil's Ditch, Cambridge	1839 ...	S. Hailstone ...	S. Hailstone
851. Verbascum virgatum, Stokes.			
Waste places, Norfolk and Stafford southwards.			
Distrib. Europe, N. Africa, W. Asia, etc.			
Sp. Devonshire	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Torquay, Devon. (Ex. Hort)... ...	1832 ...	Jno. Leafe ...	S. Hailstone
Seamer, Scarboro', Yorks.	1863 ...	W. Bean ...	H. J. Wilkinson
852. Verbascum Blattaria, Linn.			
Distrib. as *V. virgatum.*			
Sp. No locality		E. Donn ...	Rev. J. Dalton
853. Linaria Cymbalaria, Mill.			
Old walls from Perth southwards.			
Distrib. Europe, from Holland southwards (excluding Turkey).			
Sp. Hythe, Kent	(1840) ...	Mrs. J. Hailstone	S. Hailstone
Battersea	1810 ...	W. Middleton ...	W. Middleton
Chelsea	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Fountains Abbey, Yorks.	1835 ...	Rev. W. Gray ...	H. J. Wilkinson
Walls at Battersea & Temple Gardens	1800 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
854. Linaria Elatina, Mill.			
Sandy cornfields, Anglesey and York southwards.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Brighton, Sussex	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Brighton ,, ...	1810 ...	W. Middleton ...	W. Middleton
Bristol, Glos.	1882 ...	H. Fisher ...	H. J. Wilkinson
855. Linaria spuria, Mill.			
Sandy fields, Lincs. and Notts. southwards.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Hurstpierpoint	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Gloucestershire	(1810) ...	Sir J. E. Smith ...	,,
Brighton, Sussex	1810 ...	W. Middleton ...	W. Middleton
Snailwell, Cambs.	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kettering, Northants.	1840 ...	R. Leyland ...	,,
856. Linaria triphylla, Mill.			
Casual alien.			
Distrib. S. Europe.			
Sp. Field near Mrs. Bower's plantation, probably escaped from a garden ...	1806 ...	W. Middleton ...	W. Middleton
857. Linaria supina, Desf.			
Casual.			
Distrib. S. Europe.			
Sp. St. Blaze's Bay, Cornwall	1849 ...	Geo. Maw ...	S. Hailstone
858. Linaria spartea, Hoff.			
Casual alien.			
Distrib. S. Europe.			
Sp. Walton, Surrey	1843 ...	H. C. Watson ...	S. Hailstone
859. Linaria Pelisseriana, Mill.			
Channel Islands.			
Distrib. S. Europe and W. Asia.			
Sp. St. Owen's, Jersey	1840 ...	C. C. Babington...	S. Hailstone
860. Linaria purpurea, Linn.			
Casual alien.			
Distrib. Italy, Sicily.			
Sp. No locality		S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
861. Linaria repens, Mill.			
Waste places, from Westmorland southwards.			
Distrib. South and Central Europe (excluding Turkey and Greece).			
Sp. Falmouth, Devon	1836 ...	B. Baker ...	B. Baker
Bayfield, Berks.	1840 ...	S. Hailstone ...	S. Hailstone
Cornwall	(1820) ...	Hooker	Rev. J. Dalton
Penryn, Cornwall	(1830) ...	L. Squire ...	S. Hailstone
Cowes, Isle of Wight	1820 ...	S. Hailstone ...	S. Hailstone
862. Linaria vulgaris, Mill.			
Waste ground, Moray and Dumbarton southwards, Ireland.			
Distrib. Europe (excluding Turkey), Siberia, introduced in N. America.			
Sp. Thornton Bridge, Brafferton, Yorks....	1829 ..	Rev. W. Gray ...	H. J. Wilkinson
Near Ripon. *Peloria* form	(1800) ...	W. Brunton ...	Rev. J. Dalton
863. Linaria minor, Desf.			
Sandy cornfields.			
Distrib. Europe (excluding Turkey), N. Africa.			
Sp. Shipley, Yorks.	1844 ...	Mr. Birkbeck ...	S. Hailstone
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bristol, Glos.	1844 ...	H. Fisher ...	H. J. Wilkinson
864. Antirrhinum majus, Linn.			
Alien on old walls, etc.			
Distrib. Europe, from Holland southwards, introduced in N. America.			
Sp. Rushen Abbey, Isle of Man	1841 ...	S. Hailstone ...	S. Hailstone
Whalley Abbey	1807 ...	,, ...	,,
St. Dunstan's Palace, Mayfield ...	(1830) ...	Borrer	Rev. J. Dalton
Rye, Sussex	(1820) ...	W. Middleton ...	W. Middleton
865. Antirrhinum Orontium, Linn.			
Cornfields from Norfolk and Anglesey southwards.			
Distrib. Europe (Denmark southwards), N. Africa, Siberia, W. Asia to N.W. India, introduced in N. America.			
Sp. Southampton, Hants.	(1820) ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
866. Scrophularia aquatica, Linn.			
Wet places, from Berwick southwards.			
Distrib. South and Central Europe, N. Africa, W. Asia to India.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kirkstall, Yorks.	(1800) ...	S. Hailstone ..	S. Hailstone
867. Scrophularia nodosa, Linn.			
Ditches and shady ground,			
Distrib. Europe, Siberia, W. Asia and N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hildenley Woods, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Roslin	1810 ...	S. Hailstone ...	S. Hailstone
868. Scrophularia Scorodonia, Linn.			
Shaded places, Cornwall, Devon, Jersey, Guernsey.			
Distrib. W. & S. Europe, N. Africa.			
Sp. Guernsey	1833 ...	S. Hailstone ...	S. Hailstone
Jersey	1826 ...	,, ...	,,
Kingsbridge, Devon	1830 ...	Rev. J. Dalton ..	Rev. J. Dalton
869. Scrophularia vernalis, Linn.			
Denizen, very local.			
Distrib. Europe (excluding Spain, Greece, and Turkey).			
Sp. Hampstead	(1830) ...	Dr. Bromfield ...	S. Hailstone
Linlithgow	1830 ...	S. Hailstone ...	,,
Cowling, near Bedale, Yorks. ...	(1820) ...	J. Backhouse ...	,,
Coxwold, Yorks.	1800 ...	W. Brunton ...	,,
870. Mimulus luteus, Linn.			
Stream sides, from Skye southwards, Ireland, naturalized.			
Distrib. N. America.			
Sp. Banks, etc., River Nidd, Knaresboro'	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
River Rye, near Rievaulx Abbey ...	1890 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
871. Limosella aquatica, Linn.			
Margins of ponds, etc., from Kincardine southwards.			
Distrib. Temperate and cold regions.			
Sp. Lowestoft, Suffolk	1846	G. Fitt	S. Hailstone
Bedford	(1800)	Turner	Rev. J. Dalton
Ditton Marsh, Surrey	1843	H. C. Watson	S. Hailstone
Skipwith, Yorks.	1883	H. J. Wilkinson	H. J. Wilkinson
872. Sibthorpia europæa, Linn.			
Shady banks, Southern Counties, Scilly and Channel Islands, Kerry (Ireland).			
Distrib. W. France, Spain, Greece, Turkey, and Azores.			
Sp. Cornwall	1836	B. Baker	B. Baker
Jersey	1839	S. Hailstone	S. Hailstone
Dartmoor, Devon	1810	Rev. J. Dalton	Rev. J. Dalton
873. Digitalis purpurea, Linn.			
Copses, banks, etc., Scotland, England, etc.			
Distrib. Europe (excluding Greece and Turkey).			
Sp. Copgrove, Yorks.	1790	Rev. J. Dalton	Rev. J. Dalton
Langwith, Yorks.	1890	H. J. Wilkinson	H. J. Wilkinson
874. Veronica hederæfolia, Linn.			
Cultivated ground, Channel Islands, North to Shetlands.			
Distrib. Europe, N. Africa, W. Asia, introduced N. America.			
Sp. Copgrove, Yorks.	1790	Rev. J. Dalton	Rev. J. Dalton
,, ,,	...	,,	,,
Kirkstall Abbey, Yorks.	1799	S. Hailstone	S. Hailstone
Crofton Field, near Wakefield	1840	,,	,,
875. Veronica polita, Fries.			
Cultivated ground.			
Distrib. Europe, N. Africa, W. Asia, to Altai and Himalaya, introduced N. America.			
Sp. Backhouse's Gardens, York	1833	S. Hailstone	S. Hailstone.

	DATE.	COLLECTOR.	HERBARIUM.
876. Veronica agrestis, Linn.			
Cultivated ground.			
Distrib. As *V. Polita.*			
Sp. Copgrove, Yorks	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
877. Veronica Buxbaumi, Ten.			
Originally alien, now widely distributed			
Distrib. Europe, N. Africa, W. Asia to Himalaya, introduced N. America.			
Sp. Godalming, Surrey	1845 ...	Jno. D. Salmon ...	S. Hailstone
Heslington Fields, York	...	Miss Richardson	,,
,, ,, ,, ...	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
878. Veronica triphyllos, Linn.			
Sandy fields, Norfolk, Suffolk, and Yorks.			
Distrib. Europe, from Gothland southwards, N. Africa, W. Asia to India.			
Sp. Thetford, Norfolk	1836 ...	R. Leyland ...	S. Hailstone
York	1843 ...	Jas. Backhouse ...	,,
Icklington, Suffolk	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Poppleton, York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
879. Veronica verna, Linn.			
Sandy fields, Norfolk and Suffolk.			
Distrib. Europe, Siberia, W. Asia to India.			
Sp. Bury St. Edmunds	(1806) ...	Dawson Turner ...	S. Hailstone
Thetford, Norfolk	1835 ...	R. Leyland ...	,,
Thetford Heath, Norfolk	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
No locality	1840 ...	Sir T. Gage ...	,,
880. Veronica arvensis, Linn.			
Cultivated ground, etc.			
Distrib. Europe, N. Africa, W. Asia, introduced in N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
881. Veronica serpyllifolia, Linn.			
Fields and waste places.			
Distrib. Europe, N. Africa, N. & W. Asia to Himalayas, and N. America.			
Sp. Ray Wood, Castle Howard, Yorks. ...	1806 ...	W. Middleton ...	W. Middleton
Ben Lawers. *V. humifusa*.. ...	...	W. Middleton ...	W. Middleton
,, ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1840 ...	W. Gough ...	S. Hailstone
,, ,, ...	1840 ...	S. Hailstone ...	,,
882. Veronica alpina, Linn.			
Wet places on high Scotch Alps.			
Distrib. North and Alpine Europe, Asia, America.			
Sp. Ben Nevis	1809 ...	W. Middleton ...	W. Middleton
Ben Lomond	1842 ...	McKay	S. Hailstone
Clova	1831 ...	R. K. Greville ...	,,
883. Veronica saxatilis, Linn.			
High Scotch Alps.			
Distrib. North and Alpine Europe, Greenland.			
Sp. Ben Lawers	1809 ...	W. Middleton ...	W. Middleton
Clova	1831 ...	R. K. Greville ...	S. Hailstone
884. Veronica fruticulosa, Linn.			
Alpine pastures, etc.			
Distrib. W. and S. Europe.			
Sp. Dalvin, Perth	1809 ...	W. Middleton ...	W. Middleton
885. Veronica spicata, Linn.			
Chalky pastures, Cambridge, Suffolk, and Norfolk.			
Distrib. Europe, Siberia.			
Sp. Brandon, Suffolk	1840 ...	J. D. Salmon ...	S. Hailstone
Bury, Suffolk	1820 ...	S. Hailstone ...	,,
Newmarket Heath, Cambs.	1820 ...	Rev. J Dalton ...	Rev. J. Dalton
886. Veronica hybrida, Linn.			
Westmorland to Bristol.			
Distrib. Europe.			
Sp. Umperhead, Lancs.	1840 ...	Hustler ...	S. Hailstone
Bristol, Glos.	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
St. Vincent's Rocks, Glos.	1810 ...	W. Middleton ...	W. Middleton
Ulverston, Lancs.	(1809) ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
887. Veronica Allioni, Vill.			
Mountain districts.			
Distrib. S. Europe.			
Sp. Forfar		Not known ...	Rev. J. Dalton
This is not *V. Allioni.* A.B.			
888. Veronica officinalis, Linn.			
Banks and roadsides, Common.			
Distrib. Europe, W. Asia to Himalaya, N. and S. America.			
Sp. South-west of Ben Lawers	1828 ...	W. P. Bain ...	B. Baker
Isle of Man	1841 ...	J. Hailstone ...	S. Hailstone
889. Veronica Chamædrys, Linn.			
Common, banks roadsides, etc., Channel Islands to Shetland.			
Distrib. Europe, Siberia, introduced in N. America.			
Sp. Corstorphine Hill, Edinburgh ...	1828 ...	W. P. Bain ...	B. Baker
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
890. Veronica montana, Linn.			
Moist woods from Skye southwards.			
Distrib. Europe (excluding Greece and Turkey), N. Africa, W. Siberia.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Castle Howard, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
Trench Wood	1830 ...	,, ...	,,
Stepps Wood, Warley, Yorks. ...	1830 ...	,, ...	,,
Thorp Arch Woods, Yorks.	1832 ...	,, ...	,,
891. Veronica scutellata, Linn.			
Bogs and wet places, Shetland southwards.			
Distrib. Europe, N. Africa, W. Asia, N. America, Shetland to Channel Islands.			
Sp. Malton Ings, Yorks.	1809 ...	W. Middleton ...	W. Middleton
,, ,, ...		Rev. J. Dalton ..	Rev. J. Dalton
Watery bogs at York...	1840 ...	H. Baines ...	H. J. Wilkinson
Bradford Moors, Yorks.		S. Hailstone ...	S. Hailstone
Rombalds Moors, Yorks.			

	DATE.	COLLECTOR.	HERBARIUM.
892. Veronica Anagallis, Linn.			
Wet places, North to Shetland and Channel Islands.			
Distrib. Europe, N. Africa, W. Asia to Himalayas, N. America.			
Sp. Coatham, Yorks.	1799 ..	S. Hailstone ...	S. Hailstone
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
893. Veronica Beccabunga, Linn.			
Margins of streams, etc., Shetland to Channel Islands.			
Distrib. Europe, N. Africa, N. and W. Asia to Himalayas, Abyssinia.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
894. Euphrasia officinalis, Linn.			
Meadows and roadsides, Shetland to Channel Islands.			
Distrib. Europe, N. and W. Asia to Himalayas, N. America.			
Sp. Croft, Yorks.	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Brafferton, Yorks.	1835 ...	Rev. W. Gray ...	H. J. Wilkinson
Killiney Bay, co. Dublin	1848 ...	S. Hailstone ...	S. Hailstone
895. Bartsia viscosa, Linn.			
Pastures in S.W. England & Ireland.			
Distrib. W. and S. Europe, N. Africa, Caucasus, etc.			
Sp. Boxhill, Surrey	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Devon	1809 ...	,, ...	,,
Dartmouth, Devon	1809 ...	,, ...	,,
Ashfield, Cornwall	(1830) ...	L. Squire ...	S. Hailstone
Blackpool, Lancs..	1800 ...	S. Hailstone ...	,,
Lytham, Lancs.	...	,, ...	,,
896. Bartsia alpina, Linn.			
Sub-Alpine meadows, Yorks. to Ross.			
Distrib. Europe, Greenland, Labrador.			
Sp. Teesdale	1815 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ...	1806 ...	W. Middleton ...	W. Middleton
,, ...	1820 ...	S. Hailstone ...	S. Hailstone
,, Widdy Bank	1833 ...	Giles Munby ...	Giles Munby
Gordale Beck, Yorks.	1842 ...	S. Hailstone ...	S. Hailstone
Teesdale, Widdy Bank pastures ...	1824 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
896a. Bartsia Odontites, Huds.			
Fields and waste places, North to Orkney.			
Distrib. Europe, N. Asia, N. Africa, etc.			
Sp. Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Brafferton, Yorks.	1829 ...	Rev. W. Gray ...	H. J. Wilkinson
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
897. Pedicularis palustris, Linn.			
Moist bogs, North to Shetland, Channel Islands.			
Distrib. Europe (excluding Spain, Greece and Turkey), Siberia, Daharia.			
Sp. Brafferton, Yorks.	1835 ...	Rev. W. Gray ...	H. J. Wilkinson
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Malham Tarn, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Selby, Yorks.	1840 ...	,, ...	,,
898. Pedicularis sylvatica, Linn.			
Damp meadows, North to Shetland, Channel Islands.			
Distrib. Europe (excluding Greece and Turkey).			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Brafferton, Yorks.	1835 ...	Rev. W. Gray ...	H. J. Wilkinson
Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
899. Rhinanthus Crista-galli, Linn.			
Pastures and roadsides, North to Shetland.			
Distrib. Europe, N. Asia, N. America.			
Sp. Richmond, Yorks. (*R. major*) ...	(1809) ...	Mr. Ward ...	Rev. J. Dalton
Stockton Common, Yorks. (*R. major*)	1825 ...	S. Hailstone ...	S. Hailstone
Scarboro'	1835 ...	,, ...	,,
900. Melampyrum cristatum, Linn.			
Fields and copses in Eastern Counties.			
Distrib. Europe, Siberia.			
Sp. Stetchworth, Cambs....	1839 ...	S. Hailstone ...	S. Hailstone
Wood Ditton ,, ...	1820 ...	Prof. Henslow ...	Rev. J. Dalton
Potton, Beds.	1820 ...	,, ...	,,
Cheveley, Cambs.	1810 ...	Rev. J. Dalton ...	,,
Newport, Essex	1810 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
901. Melampyrum arvense, Linn.			
Cornfields local in Eastern Counties and Isle of Wight.			
Distrib. Europe and W. Asia.			
Sp. Norwich	(1820)	Rev. J. Dalton	Rev. J. Dalton
,,	(1820)	W. Middleton	W. Middleton
Costessey, Norfolk	1806	Rev. J. Dalton	Rev. J. Dalton
902. Melampyrum pratense, Linn.			
Copses, heaths, etc., North to Orkney.			
Distrib. Europe, Siberia.			
Sp. Lowdore	1830	S. Hailstone	S. Hailstone
Glen Tilt	1830	,,	,,
Near Brafferton, York	1835	Rev. W. Gray	H. J. Wilkinson
Copgrove, Yorks.	1790	Rev. J. Dalton	Rev. J. Dalton
903. Melampyrum sylvaticum, Linn.			
Sub-Alpine woods, Aberdeen to York and Durham.			
Distrib. Europe (excluding Greece and Turkey), Siberia.			
Sp. Winch Bridge, Teesdale	1820	W. Middleton	W. Middleton
,, ,, ,,	1800	Brunton	Rev. J. Dalton
Perth	1809	Rev. J. Dalton	,,

OROBANCHACEÆ.

904. Orobanche cærulea, Vill.			
On Achillea millefolium, Norfolk and Monmouth southwards, Channel Islands.			
Distrib. South and Central Europe, W. Asia to Himalaya.			
Sp. Mundesley, Norfolk	(1820)	S. Hailstone	S. Hailstone
905. Orobanche ramosa, Linn.			
On hemp, tobacco, tomato, and other plants. Alien.			
Distrib. South and Central Europe.			
Sp. Thorngumbald, Yorks.	1909	Hy. Knight	J. F. Robinson

	DATE.	COLLECTOR.	HERBARIUM.
906. Orobanche major, Linn.			
On roots of Papilionaceæ.			
Distrib. Europe (excluding Turkey), N. Africa.			
Sp. Thetford, Norfolk	(1840) ...	J. D. Salmon ...	S. Hailstone
Near Ripon	1800 ...	W. Brunton ...	,,
Belle Vue, co. Wicklow	1840 ...	...	,,
907. Orobanche rubra, Sm.			
On roots of Thymus, chiefly on W. Coast			
Distrib. Europe, Asia (Himalaya).			
Sp. Belfast	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Staffa...	1810 ...	Hooker ...	S. Hailstone
Galway	1838 ...	J. H. Balfour ...	,,
Leyburn Shoal, Yorks.	(1830) ...	S. Hailstone ...	,,
908. Orobanche caryophyllacea, Sm.			
On Galia, Rubi, etc., Kent.			
Distrib. South and Central Europe (excluding Spain & Greece), Siberia, W. Asia.			
Sp. Thorp Arch, Yorks. (*Alien*)	1832 ...	S. Hailstone ...	S. Hailstone
909. Orobanche elatior, Sutton			
Usually on Centaurea in Eastern Counties.			
Distrib. Europe, Denmark southwards to Caucasus, Siberia, etc.			
Sp. Audley End, Essex	1841 ...	Hon. Miss Neville	S. Hailstone
Summers Castle, Lincs.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Swinton	1800 ...	W. Middleton ...	W. Middleton
910. Orobanche Picridis, F. Schultz.			
Parasitic on Picris in S. England.			
Distrib. Europe.			
Sp. Comberton, Cambs.	1848 ...	C. C. Babington...	S. Hailstone
911. Orobanche Hederæ, Duby.			
Parasitic on Ivy, S. of England.			
Distrib. Europe.			
Sp. Conway Castle.	1859 ...	Rev. J. Dalton, jr.	Rev.J.Dalton.jr.

	DATE.	COLLECTOR.	HERBARIUM.
912. Orobanche minor, Sm.			
Mostly on Clover.			
Distrib. Europe, South and Central, N. Africa.			
Sp. Costessey, Norfolk	(1830) ...	Jas. Backhouse ...	S. Hailstone
,, ,, ...		S. Hailstone ...	,,
Sleningford, Ripon	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington Fields, York	1842 ...	J. Kitching ...	S. Hailstone
Dover, Kent	1840 ...	J. D. Salmon ...	,,
Dorking, Surrey	1840 ...	S. Hailstone ...	,,
Conway Castle	1799 ...	Mr. Bingley ...	,,
913. Orobanche amethystea, Thuill.			
South Coast and Channel Islands.			
Distrib. South and Central Europe.			
Sp. Whitsand Bay, Cornwall	1849 ...	F. H. Goulding ...	S. Hailstone
914. Lathræa Squamaria, Linn.			
Parasite usually on Hazel, from Stirling to Devon and Kent, Ireland,			
Distrib. Europe, W. Siberia, Himalaya, Syria.			
Sp. Sleningford, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Eskdale, Yorks.	1820 ...	W. Middleton ...	W. Middleton
Richmond, Yorks.	1840 ...	J. Leefe ...	S. Hailstone
Armiston, Yorks.	1834 ...	Giles Munby ...	,,
Mayroyd, Yorks.	1801 ...	S. Hailstone ...	,,
Hudswell Banks, Richmond, Yorks....	...	J. Leefe ...	,,
Trench Wood	1847 ...	M. Birbeck ...	,,

LENTIBULARIEÆ.

915. Utricularia vulgaris, Linn.			
Ponds & ditches, Shetland to Channel Islands.			
Distrib. Europe, N. Africa, Siberia, and N. America.			
Sp. Askham Bog, York	1800 ...	S. Hailstone ...	S. Hailstone
Bottisham, Cambs. (*major*) ...	1845 ...	,, ...	,,
Between York and Poppleton ...	1800 ...	,, ...	,,
Staveley Carr, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Malton Ings, Yorks.	1807 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
916. Utricularia minor, Linn.			
Ponds and ditches from Orkney southwards.			
Distrib. Europe (excluding Spain, Greece and Turkey), N. Africa, Siberia, W. Asia to Himalaya, N. America.			
Sp. Swansea, Glamorgan (Cromlyn Bog)...	1808 ...	W. Middleton ...	W. Middleton
Staveley Carr, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
917. Utricularia intermedia, Hayne.			
Ponds and ditches, etc.			
Distrib. Europe, N. Asia, N. America.			
Sp. Strensall Common, Yorks.	1916 ...	A. Templeman ...	H. J. Wilkinson
917a. Utricularia ochroleuca, R. Hartm.			
Sp. Inverness	1912 ...	Dr. H. Glück ...	A. Bennett
918. Pinguicula vulgaris, Linn.			
Wet bogs and dripping rocks, Shetland to Devon.			
Distrib. Europe, N. Asia, E. and W., N. America.			
Sp. Gordale, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Shelford, Cambs.	1833 ...	J. S. Henslow ...	B. Baker
919. Pinguicula grandiflora, Lam.			
Wet bogs in Ireland.			
Distrib. W. France, Alps, Pyrenees, Spain and Portugal.			
Sp. Glengariff	1846 ...	Garforth ...	S. Hailstone
Killarney	1820 ...	Hooker	Rev. J. Dalton
920. Pinguicula alpina, Linn.			
Bogs, Skye and Rosshire.			
Distrib. Europe, N. Asia, Himalaya, Greenland, Fuegia.			
Sp. Black Isle, Rossshire		Maclagan ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
921. Pinguicula lusitanica, Linn.			
Bogs, S.W. England.			
Distrib. W. France, Spain, Portugal.			
Sp. Devon	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Southampton, Hants...	1820 ...	,, ...	,,

VERBENACEÆ.

922. Verbena officinalis, Linn.			
Waste places, Northumberland southwards.			
Sp. Poulton, Lancs.	1800 ...	S. Hailstone ...	S. Hailstone
Bridge over the River Derwent, Kexby, S.E. Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

LABIATÆ.

923. Mentha rotundifolia.			
Wet places and roadsides from Forfar southwards.			
Distrib. South and Central Europe, N. Africa, W. Asia, Siberia.			
Sp. Sussex	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Settle, Yorks.	1833 ...	J. S. Howson ...	S. Hailstone
Near Ripon, Yorks.	1815 ...	Rev. J. Dalton ...	Rev. J. Dalton
Neath	1820 ...	W. Middleton ...	W. Middleton
925. Mentha sylvestris.			
Moist waste paces from Forfar southwards.			
Distrib. Europe, N. Africa, Siberia. W. Asia to N.W. India.			
Sp. Sidlaw Hills, Forfar	1837 ...	H. Gardiner ...	S. Hailstone
Wass, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Cardiff	1806 ...	W. Middleton ...	W. Middleton
Wenlock Abbey, Shropshire (3)	1797 ...	W. Sole	Rev. J. Dalton
Hillington, Middlesex (*Villosa 2nd*) (2)	1797 ...	,, ...	,,
Box Mead, Wilts (*Villosa prima*) (1)	1797 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

926. Mentha viridis.

Waste places in England and Scotland (possibly indigenous in North of England), not native in Ireland.

Distrib. South and Central Europe.

Sp. Cowbridge, Glamorgan	1806 ...	W. Middleton ...	W. Middleton
Ripon, Yorks.	1800 ...	Brunton	S. Hailstone
Box, Wilts.	(5) 1798 ...	W. Sole	Rev. J. Dalton

927. Mentha piperita.

Wet places from Aberdeen southwards, Ireland.

Distrib. Europe, introduced U. S. America.

Sp. Lyncombe Spa, Bath... ...	(24) 1798 ...	W. Sole	Rev. J. Dalton
Bradford, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
River Avon, Newton Bridge ...	(7) 1798 ...	W. Sole	Rev. J. Dalton
Bath, Somerset	(8) 1798 ...	,, ...	,,
Ripon, Yorks.	(1800) ...	Brunton ...	S. Hailstone

928. Mentha hirsuta.

Wet places, Orkney to Devon.

Distrib. Europe, N. Africa, N. and W. Asia, introduced U.S. America.

Sp. Brafferton, Yorks.	1829 ...	Rev. W. Gray ...	Rev. W. Gray
Ripon, Yorks.	1820 ...	Brunton ...	S. Hailstone
Croft, Yorks.	1842 ..	Rev. J. Dalton ...	Rev. J. Dalton
Salisbury Hill, Batheaston, Somerset *(minor)* ...	(10) 1798 ...	W. Sole... ...	Rev. J. Dalton
Bath, Somerset *(major)* ...	(11) 1798 ...	,, ...	,,
St. Vincent's Rocks, Bristol *(procumbens)*	(11) 1798 ...	,, ...	,,
Lansdown, Somerset *(tomentosa)*	(11) 1798 ...	,, ...	,,
King's Sedge Moors, Somerset *(M. palustris)* Sole	(6) 1798 ...	,, ...	,,

929. Mentha citrata.

Waste places, Staffs., Wales.

Distrib. Europe.

Sp. No date or locality	...	...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
930. Mentha sativa.			
Wet places and roadsides from Argyle southwards.			
Distrib. Europe, N. America.			
Sp. Bath, Somerset	1762 ...	T. Haviland ...	Rev. J. Dalton
This specimen was given me by the late Mr. T. Haviland, of Bath, who found it in 1762, and is now my *Rivalis*.—W. Sole.			
Wales and Shropshire ... (21)	1798 ...	W. Sole	Rev. J. Dalton
930a. Mentha paludosa, Sole.			
Sp. In a dyke by the side of Awdry-Causey	July 29		
near Hadenham, Isle of Ely (22)	1778 ...	W. Sole	Rev. J. Dalton
I have now (1798) in my M. Brit. called it *paludosa*, this is the original specimen from its habitat.			
930b. Mentha rivalis.			
Sp. Locksbrook, Bath ... ... (20)	1798 ...	W. Sole	Rev. J. Dalton
King's Mead, Bath ... (20) Var. 1	1798 ...	,, ...	,,
Salisbury Marshes, Wilts. (20) Var. 2	1798 ...	,, ...	,,
Locksbrook and Tiverton, Bath ... ... (20) Var. 3	1798 ...	,, ...	,,
932. Mentha rubra.			
Wet places, common in England, rarer in Scotland and Ireland.			
Distrib. Europe.			
Sp. Ripon, Yorks.	(1800) ...	Brunton	S. Hailstone
Scarisbrick, Lancs.	(1800) ...	S. Hailstone ..	,,
933. Mentha gracilis.			
Wet places, common.			
Distrib. Europe.			
Sp. Bradford, Wilts. ... ... (16)	1798 ...	W. Sole	Rev. J. Dalton
Cranford Bridge, Middlesex ... (16b)	1798 ...	,, ...	,,
Alderbury, Hants.	1798 ...	,, ...	,,
933a. Mentha pratensis, Sole.			
Sp. Alderbury Common, Hants. ... (17)	1789 ...	W. Sole	Rev. J. Dalton

		DATE.	COLLECTOR.	HERBARIUM.
934. Mentha gentilis.				
Waste places in England, rarer in Scotland.				
Distrib. Europe.				
Sp.	Giggleswick, Yorks.	(1830) ...	Jno. Howson ...	S. Hailstone
	North Wales ... ... (18)	1797 ...	W. Sole	Rev. J. Dalton
	Gosport, Hants. ... ... (18b)	1774 ...	,, ...	,,
	Bath, Somerset ... ... (15)	1798 ...	,, ...	,,
935. Mentha arvensis.				
Cultivated fields and waste ground.				
Distrib. Europe, N. Asia, W. Asia to Himalayas, introduced N. America.				
Sp.	Hounslow Heath, Middlesex (12)Var.3	1798 ...	W. Sole	Rev. J. Dalton
	Bath, Somerset ... (12)Var.2	1798 ...	,, ...	,,
	Bath, Somerset ... (12)	1798 ...	,, ...	,,
	Croft	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.
	Frome, Somerset (14) *M. agrestis*	1798 ...	W. Sole	Rev. J. Dalton
936. Mentha Pulegium, Linn.				
Pools, wet heaths, etc., from Ayr southwards.				
Distrib. Europe, N. Africa, Siberia, W. Asia.				
Sp.	Skipwith, S.E. Yorks.	1882 & 1883	H. J. Wilkinson...	H. J. Wilkinson
937. Lycopus europæus, Linn.				
Wet places, common from Ross southwards.				
Distrib. Europe, N. Africa, W. Asia to India, N. America, Australia.				
Sp.	Lochnaw	1835 ...	J. H. Balfour ...	S. Hailstone
	Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
	Heslington Fields, York	1800 ...	S. Hailstone ...	S. Hailstone
	Between Preston and Whalley, Lancs.	1800 ...	,, ...	,,
938. Origanum vulgare, Linn.				
Dry banks and roadsides from Caithness southwards.				
Distrib. Europe, N. Africa, Siberia, W. Asia to Himalaya, introduced N. America.				
Sp.	Croft, Yorks....	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.
	Eastware Bay, Kent.	1840 ...	S. Hailstone ...	S. Hailstone
	Dover Castle	1840 ...	,, ...	,,
	Gordale, Yorks.	(1800) ...	,, ...	,,
	Near Topcliffe, Yorks.	1829 ...	Rev. W. Gray ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
939. Thymus Serpyllum, Linn.			
Dry hilly places and banks, North to Shetland, Channel Islands.			
Distrib. Europe, W. Asia, Siberia, Himalayas. Greenland, introduced N. America.			
Sp. Innerleithen, Peebles...	1840 ...	Not known ...	S. Hailstone
Pilmoor, Yorks.	1834 ...	Rev. W. Gray ...	H. J. Wilkinson
Luddenden, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Fleetwood, Lancs.	1842 ...	,, ...	,,
Covering large patches of sandy ground.			
941. Satureja montana, Linn.			
An escape from gardens in this country.			
Distrib. South Europe.			
Sp. Lewes Castle, Sussex	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
"Known there for a century."			
942. Calamintha Clinopodium, Benth.			
Roadsides, banks, etc., from Banff southwards.			
Distrib. Europe, N. Africa, N. & W. Asia to India, Japan, Canada, introduced N. America.			
Sp. Bottisham, Cambs.	1845 ...	S. Hailstone ...	S. Hailstone
Royle, near Burnley (var. *Flora albo.*)	1801 ...	,, ...	,,
943. Calamintha arvensis, Linn.			
Dry fields and waste ground from Inverness southwards.			
Distrib. Europe, N. Africa.			
Sp. Near Copgrove, Yorks. *... ...	1834 ...	Rev. W. Gray ...	H. J. Wilkinson
Ripon, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Newmarket Heath, Cambs.	1845 ...	,, ...	,,
Dirleton Common, Cambs.	1840 ...	,, ...	,,
944. Calamintha Nepeta, Sav.			
Sandy soils from York to Kent.			
Distrib. Europe.			
Sp. Ruthin Castle, Carnarvon *... ...	1808 ...	S. Hailstone ...	S. Hailstone
Near Hull ... ... *... ...	1800 ...	Brunton ...	,,
Walls, Dover Castle *... ...	1840 ...	Mrs. J. Hailstone	

* The specimens marked * are *C. officinalis.*

	DATE.	COLLECTOR.	HERBARIUM.
945. Calamintha officinalis, Mœnch.			
Fields, on sandy soil from Westmorland southwards.			
Distrib. Europe, N. Africa, W. Asia, introduced N. America.			
Sp. Bristol, Glos.	1843 ...	Leo H. Grinden ...	S. Hailstone
Kiddall, Yorks.	1811 ...	S. Hailstone ...	S. Hailstone
Chippenham, Cambs...	1843 ...	,, ...	,,
946. Calamintha sylvatica, Bromf.			
Chalky banks, Isle of Wight and South Coast.			
Distrib. S. Europe, N. Africa.			
Sp. Isle of Wight...	1844 ...	W. L. Notcutt ...	S. Hailstone
947. Salvia Verbenaca, Linn.			
Waste ground, from Ross southwards.			
Distrib. S. Europe, N. Africa, W. Asia.			
Sp. Under the Walls, York	1800 ...	S. Hailstone ...	S. Hailstone
Scarboro', Castle Hill, Yorks. ...	1800 ...	,, ..	,,
Coatham, Yorks.	1800 ...	,, ...	,,
948. Salvia pratensis, Linn.			
Dry fields in Southern Counties.			
Distrib. Europe, W. Asia.			
Sp. Bottisham, Cambs., from a field belonging to the Vicarage	1843 ...	S. Hailstone ...	S. Hailstone
Cobham, Kent	(1820) ...	Prof. Henslow ...	Rev. J. Dalton
949. Nepeta Cataria, Linn.			
Waste ground, from Northumberland southwards.			
Distrib. Europe, W. Asia to India, introduced N. America.			
Sp. Swinton, Yorks.	(1807) ...	W. Middleton ...	W. Middleton
Mold, Flintshire	(1809) ...	,, ...	,,
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Borobridge and Thirsk	1800 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
950. Nepeta Glechoma, Benth.			
Shady banks, etc., from Caithness southwards.			
Distrib. Europe, N. & W. Asia, Japan, introduced U.S. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
951. Scutellaria galericulata, Linn.			
Watery places, from Shetland southwards.			
Distrib. Europe, N. Africa, N. Asia to India, N. America.			
Sp. Bottisham Fen, Cambs.	1843 ...	S. Hailstone ...	S. Hailstone
Granchester, Cambs.	1839 ...	,, ...	,,
Askham Bog, York	1800 ...	,, ...	,,
Angus	1842 ...	J. H. Balfonr ...	,,
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington Fields, York	1800 ...	W. Middleton ...	W. Middleton
952. Scutellaria minor, Huds.			
Swampy common, from Inverness southwards.			
Distrib. South and Central Europe (excluding Greece and Turkey), W. Asia to Himalaya.			
Sp. Adel, near Leeds	1820 ...	S. Hailstone ...	S. Hailstone
Galway, Ireland	1838 ...	J. H. Balfour ...	,,
No locality	(1800) ...	Sir T. Gage ...	Rev. J. Dalton
Tunbridge Wells, Kent	1812 ...	W. Middleton ...	W. Middleton
Strensall Common, York	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
953. Prunella vulgaris, Linn.			
Pastures and roadsides, Shetland, Channel Islands.			
Distrib. Europe, N. Africa, Asia, America, and Australia.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Askham Bogs, York	1800 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
954. Melittis Melissophyllum, Linn.			
Shady places in South of England.			
Distrib. S. Europe (France to the Balkans).			
Sp. Plymouth, Devon	1896 ...	Dr. O. St. Brody	Wm. Whitwell
St. Leonard's Forest	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Warleigh, Devon	1836 ...	Hore	S. Hailstone
Near Netley Abbey	1812 ...	Rev. J. Dalton ...	Rev. J. Dalton
955. Marrubium vulgare, Linn.			
Waste places, from Elgin southwards.			
Distrib. Europe, N. Africa, W. Asia to India, introduced N. America.			
Sp. Topcliffe, Yorks.	1840 ...	Jas. Backhouse ...	S. Hailstone
956. Stachys Betonica, Benth.			
Copses and waste ground, from Perth southwards.			
Distrib. Europe, N. Africa, W. Siberia			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington, near York	1806 ...	S. Hailstone ...	S. Hailstone
957. Stachys germanica, Linn.			
Fields and waste ground in Southern Counties, rare.			
Distrib. S. Europe, W. Asia to India			
Sp. Collected by the Poet Crabbe			S. Hailstone
Locality not known			
958. Stachys palustris Linn.			
Moist places, North to Shetland, etc.			
Distrib. Europe, Siberia, W. Asia to Himalayas, E. & W. N. America.			
Sp. Anglesey Abbey	1843 ...	S. Hailstone ...	S. Hailstone
Malham, Yorks.	...	,, ...	,,
Croft, Yorks....	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.

	DATE.	COLLECTOR.	HERBARIUM.

959. Stachys ambigua, Sm.

Hybrid between palustris & sylvatica.

Distrib. With the same.

Sp. Galloway	1835 ...	Dr. McNab ...	S. Hailstone
Thames Ditton, Surrey	1843 ...	H. C. Watson ...	,,
Skern, near Darlington, Yorks. ...	1820 ...	W. Backhouse ...	
Wrotham, Kent	1845 ...	E. Edwards ...	Rev.J.Dalton,jr.

960. Stachys sylvatica, Linn.

Shady places, common North to Shetland.

Distrib. Europe, Siberia, W. Asia to Himalayas.

Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Croft, Yorks....	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.

961. Stachys arvensis, Linn.

Cultivated ground, North to Shetland.

Distrib. Europe, N. Africa, W. Asia to India, N. America introduced.

Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Poppleton, near York	1806 ...	S. Hailstone ...	S. Hailstone

962. Galeopsis Ladanum, Linn.

Cornfields, etc., from Elgin southwards.

Distrib. Europe, Siberia, W. Asia, introduced N. America.

Sp. Croft, Yorks.	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bottisham, Cambs.	1842 ...	S. Hailstone ...	S. Hailstone

963. Galeopsis angustifolia, Ehrh.

Common in South of England.

Distrib. As in *G. Ladanum* but rarer.

Sp. Shorne, Kent	1806 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
964. Galeopsis villosa, Huds.			
Sandy cornfields from York to Essex.			
Distrib. Europe, Denmark southwards.			
Sp. Bangor, N. Wales	1840 ...	J. B. Wood ...	S. Hailstone
Gateforth, near Selby	(1820) ...	J. Backhouse ...	W. Middleton
,, ,, ...	(1820) ...	,, ...	S. Hailstone
965. Galeopsis versicolor, Curt.			
Cultivated ground.			
Distrib. Europe, N. Asia, W. Asia to India, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Richmond, Yorks.	1830 ...	Jno. Leefe ...	S. Hailstone
Heslington Fields, York	1801 ...	S. Hailstone ...	,,
Bottisham, Cambs.	1820 ...	,, ...	,,
Great Horton, Yorks...	1806 ...	,, ...	,,
966. Galeopsis Tetrahit, Linn.			
Cornfields and waste ground, from Shetland southwards.			
Distrib. Europe, N. & W. Asia to India, Introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
967. Leonurus Cardiaca, Linn.			
Waste places, not indigenous.			
Distrib. Europe, Siberia, W. Asia to Himalaya, introduced N. America.			
Sp. Scotton, near Knaresboro', Yorks. ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
St. David's Head	1809 ...	W. Middleton ...	W. Middleton
Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Tarlton Bridge	1801 ...	,, ...	,,
968. Lamium amplexicaule, Linn.			
Sandy waste ground, North to Orkney, etc.			
Distrib. Europe, N. Africa, W. Asia to India, introduced N. America.			
Sp. Snailwell, Cambs.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Pontefract Castle, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
Trumpington, Cambridge	1830 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
969. Lamium intermedium, Fries.			
Sandy cultivated ground, Scotland and North of England.			
Distrib. N. and W. Europe (excluding Spain).			
Sp. Craiglochart	1836 ...	W. H. Campbell	S. Hailstone
970. Lamium incisum, Willd.			
Waste and cultivated ground.			
Distrib. W. and S. Europe.			
Sp. Woolwich, Kent	1847 ...	Geo. W. Sandys...	S. Hailstone
971. Lamium purpureum, Linn.			
Fields, etc., Shetland to Channel Islands.			
Distrib. Europe, Canaries, Siberia, W. Asia, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
972. Lamium maculatum, Linn.			
Not indigenous.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Bristol, Glos.	(1840) ...	Dr. Woodford ...	S. Hailstone
Carneil	1836 ...	D. Dewar ...	,,
973. Lamium album, Linn.			
Shady places.			
Distrib. Europe, N. Africa, N. Asia, introduced N. America.			
Sp. Brafferton, Yorks.	1835 ...	Rev. W. Gray ...	H. J. Wilkinson
Croft, Yorks....	1842 ...	Rev. J. Dalton, jr.	Rev.J.Dalton,jr.
York	1800 ...	S. Hailstone ...	S. Hailstone
974. Lamium Galeobdolon, Crantz.			
Shady places, mostly Calcareous.			
Distrib. Europe, W. Siberia, S. Russia.			
Sp. By the side of the old road from Highgate to London	1815 ...	W. Middleton ...	W. Middleton
Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
Bell Bank Wood, Bingley	1832 ...	,, ...	,,
Near Ripon	1835 ...	Rev. W. Gray ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
975. Ballota nigra, Linn.			
Hedgebanks, from the Forth southwards.			
Distrib. Europe, N. Africa, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
York	1829 ...	S. Hailstone ...	S. Hailstone
976. Teucrium Scordium, Linn.			
Wet meadows, etc., Yorks., Norfolk, Cambridge, Devon, etc.			
Distrib. Europe, N. Africa, W. Asia to Himalayas.			
Sp. Ely, Cambs.	1901 ...	J. & A. Bennett ...	H. J. Wilkinson
Bolton Beck, Richmond, Yorks. ...	1854 ...	H. Ibbotson ...	,,
977. Teucrium Chamædrys, Linn.			
Old walls and ruins, not indigenous.			
Distrib. Europe, W. Asia.			
Sp. St. David's, Pemb.	(1810)...	W. Middleton ...	W. Middleton
Norwich	1820 ...	S. Hailstone ...	S. Hailstone
978. Teucrium Scorodonia, Linn.			
Woods and hedges, frequent.			
Distrib. Europe (excluding Russia), N. Africa.			
Sp. Near Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Sandgate, Kent	1847 ...	Mrs. J. Hailstone	S. Hailstone
979. Ajuga reptans, Linn.			
Pastures & roadsides, Shetland southwards.			
Distrib. Europe.			
Sp. Dunmeer, Cornwall	1830 ...	B. Baker ...	B. Baker
Brafferton, Yorks.	1834 ...	Rev. W. Gray ...	H. J. Wilkinson
980. Ajuga pyramidalis, Linn.			
Mountain woods, N. Scotland, W. Ireland.			
Distrib. Europe.			
Sp. Ex. hort	1800 ...	H. C. Watson ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
981. Ajuga Chamæpitys, Schreb.			
Chalky fields, South of England.			
Distrib. South and Central Europe, N. Africa, W. Asia.			
Sp. Dartford, Kent	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Boxhill ,, ...	1820 ...	W. Middleton ...	W. Middleton
Cobham ,, ...	1843 ...	E. Edwards ...	Rev. J. Dalton, jr.

PLANTAGINEÆ.

982. Plantago major, Linn.			
Waste places.			
Distrib. Europe, N. Africa, N. Asia, W. Asia to Himalaya, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
983. Plantago media, Linn.			
Waste ground, roadsides, etc.			
Distrib. As *P. major.*			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
York	1880 ...	S. Hailstone ...	S. Hailstone
984. Plantago maritima, Linn.			
Maritime and montane positions and sandy commons inland.			
Distrib. Europe, N. Africa, Siberia, W. Asia to Himalayas, N. America.			
Sp. Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
High Force, Teesdale, Yorks ...	1846 ...	,, ...	,,
985. Plantago Coronopus, Linn.			
Sandy places, especially near the sea.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
South Denes, Yarmouth	1846 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
986. Littorella lacustris, Linn.			
Margins of ponds. etc., North to Shetland, etc.			
Distrib. Europe (excluding Turkey), The Azores.			
Sp. Near Ripon	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Loch of Clunie, Perthshire	(1820) ...	Miss Watson ...	W. Middleton
Strensall, near York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

ILLECEBRACEÆ.

987. Illecebrum verticillatum, Linn.			
Sandy bogs, Devon and Cornwall.			
Distrib. Europe, N. Africa.			
Sp. Helston, Cornwall	1832 ...	Dr. Bromfield ...	S. Hailstone
988. Herniaria glabra, Linn.			
Sandy soils, Eastern Counties.			
Distrib. Europe, Siberia, W. Asia.			
Sp. No locality		...	Rev. J. Dalton
989. Herniaria ciliata, Bab.			
Sandy ground, Cornwall, Guernsey.			
Distrib. Spain, Portugal, France, Belgium, and Holland.			
Sp. No locality		...	Rev. J. Dalton
991. Corrigiola littoralis, Linn.			
Sandy places, Cornwall and Devon.			
Distrib. Europe, from Denmark southwards.			
Sp. Cornwall	(1820) ...	Sowerby	S. Hailstone
Dartmouth, Devon	(1820) ...	Bromfield ...	,,
992. Scleranthus annuus, Linn.			
Waste places and fields, Caithness to Channel Islands.			
Distrib. Europe to Caucasus, N. Africa, W. Asia, introduced N. America.			
Sp. Staveley, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thetford, Norfolk (var. *biennis*, Reuter)	...	Lady Blake ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
993. Scleranthus perennis, Linn.			
Sandy ground, Norfolk, Suffolk, Warwick, Radnor, etc.			
Distrib. Europe to Caucasus, Siberia.			
Sp. Thetford, Norfolk	(1840) ...	J. D. Salmon ...	S. Hailstone
Bury St. Edmunds. Suffolk	1840 ...	S. Hailstone ...	S. Hailstone

CHENOPODIACEÆ.

995. Chenopodium polyspermum, Linn.			
Cultivated ground, Lancs. & Durham southwards.			
Distrib. Europe, N. Asia, introduced N. America.			
Sp. Bottisham, Cambs.	1843 ...	S. Hailstone ...	S. Hailstone
Hurstpierpoint, Sussex	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
996. Chenopodium Vulvaria, Linn.			
Waste ground from Edinburgh southwards.			
Distrib. Europe, N. Africa.			
Sp. Near London...	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near Yarmouth	1843 ...	S. Hailstone ...	S. Hailstone
997. Chenopodium album, Linn.			
Fields and waste ground, Shetland southwards.			
Distrib. Europe, Temperate Asia, introduced N. America.			
Sp. Near Ripon	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
998. Chenopodium ficifolium, Sm.			
Waste and cultivated ground.			
Distrib. Europe.			
Sp. Brighton, Sussex	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Yarmouth, Norfolk	1806 ...	,, ...	,,
Wisbech	1840 ...	J. Backhouse, jr...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
999. Chenopodium murale, Linn.			
Waste and cultivated ground, doubtful in Scotland, S. & E. Ireland.			
Distrib. Europe, N. Africa, W. Asia to India, introduced N. America.			
Sp. Yarmouth, Norfolk	(1840) ...	Fitt	S. Hailstone
1000. Chenopodium hybridum, Linn.			
Waste places, Northumberland to Dorset and Kent.			
Distrib. Europe, N. Africa, W. Asia to India, introduced N. America.			
Sp. Bury St. Edmunds, Suffolk	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
1001. Chenopodium urbicum, Linn.			
Waste places from Chester and Yorks. southwards.			
Distrib. Europe, Canaries, W. Asia, introduced N. America.			
Sp. Gorleston, Yarmouth...	1846 ...	S. Hailstone ...	S. Hailstone
1002. Chenopodium rubrum, Linn.			
Waste ground from Forth and Clyde southwards, S. and E. Ireland.			
Distrib. Europe, W. Asia, Siberia.			
Sp. Chester	1808 ...	S. Hailstone ...	S. Hailstone
Yarmouth, Norfolk	1846 ...	,, ...	,,
1003. Chenopodium botryodes, Sm.			
Waste ground, rare, Kent, Essex, Suffolk and Norfolk.			
Distrib. Europe, etc.			
Sp. Yarmouth, Norfolk	1846 ...	Fitt	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1004. Chenopodium glaucum, Linn.			
Waste ground, Southern Counties, in North of England or Scotland, doubtfully indigenous.			
Distrib. Europe, Canaries, W. Asia, Siberia, Himalayas, N. America, S. Chili, Australia, New Zealand.			
Sp. Thames Ditton, Surrey	1843 ...	H. C. Watson ...	S. Hailstone
1005. Chenopodium Bonus-Henricus, Linn.			
Waste ground, often near dwellings, from Ross southwards, Ireland.			
Distrib. Europe, Siberia, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Horton Lane, Bradford, Yorks ...	1820 ...	S. Hailstone ...	S. Hailstone
1006. Beta maritima, Linn.			
Sea shores, etc., from the Forth southwards.			
Distrib. Europe, from Denmark southwards.			
Sp. Cornwall	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scarboro', Yorks.	1806 ...	W. Middleton ...	W. Middleton
,, ,, ...	1813 ...	S. Hailstone ...	S. Hailstone
1007. Atriplex littoralis, Linn.			
Salt marshes, etc., from W. Perth and Fife to Dorset and Kent, Ireland.			
Distrib. As *A. patula.*			
Sp. Hartlepool, Durham	(1800) ...	Robson	W. Middleton
On the shore near Teesmouth ...	(1800) ...	S. Hailstone ...	S. Hailstone
1008. Atriplex patula, Linn.			
Waste places.			
Distrib. Most cool regions of the world.			
Sp. Yarmouth, Norfolk	1846 ...	S. Hailstone ...	S. Hailstone
Scarboro', Yorks.	1846 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1010. Atriplex laciniata, Linn.			
Sea coasts from Clyde and Yorkshire southwards.			
Distrib. Europe.			
Sp. Coatham, Yorks.	1790 ...	S. Hailstone ...	S. Hailstone
Blackpool	1800 ...	,, ...	,,
1011. Atriplex Portulacoides, Linn.			
Sea cliffs, etc., Wigton and Northumberland southwards, S. and E. Ireland.			
Distrib. W. and S. Europe, W. Asia, N. Africa.			
Sp. Cracknell Head, opp. Southampton ...	1836 ...	S. Hailstone, jr....	S. Hailstone
1012. Atriplex pedunculata, Linn.			
Seaside marshes Lincoln to Kent.			
Distrib. Baltic southwards, France, Russia, Siberia.			
Sp. Ramsgate, Kent	1830 ...	S. Hailstone ...	S. Hailstone
Yarmouth, Norfolk	1843 ...	,, ...	,,
,, ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1013. Salicornia herbacea, Linn.			
Salt marshes.			
Distrib. Europe, N. Africa, N. Asia, W. Asia to India, N. America.			
Sp. Mouth of the Tees	1799 ...	J. Hailstone ...	S. Hailstone
1014. Salicornia radicans, Sm.			
Salt marshes from Norfolk to Dorset.			
Distrib. W. Europe, France, and Spain.			
Sp. The Salterns, Fareham, Hants. ...	1844 ...	W. H. Nottcutt ...	S. Hailstone
Shoreham, Kent	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1015. Suæda fruticosa, Forsk.			
Sandy beaches, Norfolk to Dorset.			
Distrib. S. Europe from Spain eastwards, N. Africa, W. Asia to India.			
Sp. Cley, Norfolk	1830 ...	S. Hailstone ...	S. Hailstone
Poole, Dorset	1837 ...	Bell Salter ...	,,
Heacham, Norfolk	1897 ...	F. H. Weekes. ...	F. H. Weekes

	DATE.	COLLECTOR.	HERBARIUM.
1016. Suæda maritima, Dum.			
Salt marshes from Shetland southwards.			
Distrib. Europe, N. Africa, W. Asia to India, N. America.			
Sp. Yarmouth, Norfolk	1846 ...	S. Hailstone ...	S. Hailstone
Coatham, Yorks.	1799 ...	,, ...	,,
1017. Salsola Kali, Linn.			
Sandy sea shores from Argyle and Moray southwards, Ireland.			
Distrib. Europe, N. & S. Africa, Siberia, W. Asia to India, N. & S. America, Australia.			
Sp. Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone

POLYGONACEÆ.

1018. Polygonum Convolvulus, Linn.			
Fields and hedges.			
Distrib. N. Temperate & Arctic regions of Old World, introduced America.			
Sp. Suett Carr, near Strensall, Yorks. ...	1838 ...	Richd. Spruce ...	S. Hailstone
Great Horton Lane, Bradford ,, ...	(1820) ...	S. Hailstone ...	,,
Mackershaw Wood, nr. Ripon ,, ...	1844 ...	,, ..	,,
1019. Polygonum dumetorum, Linn.			
Hedges, etc., in S. Counties of England from Monmouth to Herefordshire.			
Distrib. Europe, Siberia, W. Asia to N. W. India.			
Sp. Surrey	(1840) ...	J. Bull	S. Hailstone
1020. Polygonum aviculare, Linn.			
Waste places, cornfields, etc.			
Distrib. Europe, N. and W. Asia, introduced N. America.			
Sp. Strensall, Yorks.	1838 ...	Richd. Spruce ...	S. Hailstone
Croft ,, ...	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Bottisham Fen, Cambs.	1843 ...	S. Hailstone ...	S. Hailstone
Blackpool, Lancs.	(1800) ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1021. Polygonum Raii, Bab.			
Sea shores, etc.			
Distrib. As *P. Maritimum.*			
Sp. Cornwall	(1840) ...	S. Gibson ...	S. Hailstone
1023. Polygonum Hydropiper, Linn.			
Watery places from Skye southwards, Ireland, etc.			
Distrib. N. Temperate Hemisphere.			
Sp. Burscough, Lancs.	1838 ...	S. Hailstone ...	S. Hailstone
1024. Polygonum minus, Huds.			
Wet margins, etc., England, Dumbarton in Scotland.			
Distrib. Europe, Siberia, W. Asia to India.			
Sp. Ripon, Yorks.	1800 ...	W. Brunton ...	S. Hailstone
1025. Polygonum mite, Schrank.			
Wet places from York southwards.			
Distrib. Europe (excluding Spain, Greece, and Turkey).			
Sp. Thames side, Walton, Surrey ...	1845 ...	H. C. Watson ...	S. Hailstone
Cambridge	1839 ...	C. C. Babington ...	,,
1026. Polygonum Persicaria, Linn.			
Damp fields, etc.			
Distrib. N. Europe, N. Africa, Siberia, W. Asia to India.			
Sp. Copgrove, York.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1027. Polygonum Lapathifolium, Linn.			
Fields and waste places.			
Distrib. Europe, N. Africa, Siberia, W. Asia to India, introduced N. America.			
Sp. Bottisham Fen, Cambs.	1846 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1028. Polygonum amphibium, Linn.			
Wet places.			
Distrib. N. Temperate & Arctic regions.			
Sp. In the Ouse beyond North-st. postern, York	1800 ...	S. Hailstone ...	S. Hailstone
1029. Polygonum Bistorta, Linn.			
Wet places, from Ross and Skye southwards.			
Distrib. Europe, N. Asia, W. Asia to Himalaya.			
Sp. Bradford, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1844 ...	,, ...	,,
Near Ripon ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
1030. Polygonum viviparum, Linn.			
Wet mountain pastures, etc., Scotland, southwards to Carnarvon and Yorks.			
Distrib. Alps of N. Temperate and Arctic regions.			
Sp. Meaal Ghardy	1828 ...	W. P. Bain ...	B. Baker
Settle, Yorks.	1843 ...	Jno. Tatham ...	S. Hailstone
Wensleydale, Yorks.	1800 ...	W. Brunton ...	,,
,, ,, ...	1830 ...	S. Hailstone ...	,,
1031. Fagopyrum esculentum, Moench.			
Usually a cultivated plant, escape.			
Distrib. Asia.			
Sp. Mackershaw Wood, near Ripon ...	(1800) ...	Brunton ...	S. Hailstone
1032. Oxyria reniformis, Hook.			
Mountain districts, Wales, Yorkshire, and northwards.			
Distrib. Arctic regions and N. Temperate zone.			
Sp. Cumberland	1809 ...	Sir T. Gage ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1035. Rumex maritimus.			
Wet places from Durham southwards, co. Dublin, Ireland.			
Distrib. Europe, Siberia, W. Asia to India, N. America.			
Sp. Hull, Yorks.	(1810) ...	Watson	W. Middleton
Lytham, Lancs.	(1800) ...	S. Hailstone ...	S. Hailstone
Skipwith, S. E. Yorks.	1881 ...	H. J. Wilkinson ...	H. J. Wilkinson
1036. Rumex palustris, Sm.			
Distrib. Similar to *R. Maritimus.*			
Sp. Battersea, Surrey	1838 ...	G. Luxford ...	S. Hailstone
1038. Rumex obtusifolius, Linn.			
Waste ground.			
Distrib. Europe, N. Africa, W. Asia to India, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1039. Rumex crispus, Linn.			
Waste places.			
Distrib. Europe, N. Africa, Asia to Japan, introduced N. America.			
Sp. York	1809 ...	W. Middleton ...	W. Middleton
1040. Rumex aquaticus, L.			
Fields, etc., Yorkshire and Westmorland northwards.			
Distrib. Europe, N. and W. Asia to India, N. America.			
Sp. Clifton Ings, York	1842 ...	O. A. Moore ...	S. Hailstone
1041. Rumex Hydrolapathum, Huds.			
River and ditch banks from Isla southwards.			
Distrib. Europe.			
Sp. Near Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
1043. Rumex scutatus, Linn.			
A culinary herb.			
Distrib. Europe (South and Central).			
Sp. Craig Millar Castle, Edinburgh ...	1837 ...	E. Young ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1044. Rumex Acetosella, Linn.			
Dry pastures and waste ground.			
Distrib. N. Temperate and Arctic zones, introduced in Southern zone.			
Sp. Dullingham, Cambs.	1843 ...	S. Hailstone ...	S. Hailstone

ARISTOLOCHIACEÆ.

1045. Asarum europæum, Linn.			
Copses, Wilts., Yorks., and Westmorland, etc.			
Distrib. South and Central Europe, Siberia.			
Sp. Grain House, about two miles from Settle	(1840) ...	Jno. Tatham ...	S. Hailstone
1046. Aristolochia Clematitis. Linn.			
Near old ruins, not indigenous from York southwards.			
Distrib. Europe from Denmark southwards, W. Asia.			
Sp. No locality	(1820) ...	Miss Stovin ...	S. Hailstone
,, ...	(1820) ..	Rev. J. Dalton ...	Rev. J. Dalton

THYMELÆACEÆ.

1047. Daphne Mezereum, Linn.			
Copses, etc., perhaps native in South.			
Distrib. Europe, Siberia.			
Sp. Richmond, Yorks.	(1820) ...	Mr. Ward ...	Rev. J. Dalton
Feizor Wood, near Giggleswick ...	1832 ...	Mr. J. Howson ...	S. Hailstone
1048. Daphne Laureola, Linn.			
Woods and hedges, York and Durham southwards.			
Distrib. Europe (Belgium southwards), (excluding Russia), N. Africa, W. Asia.			
Sp. Kirkleatham, Yorks.	1817 ...	S. Hailstone ...	S. Hailstone
Castle Howard ,, ...	1843 ...	Hy. Ibbotson ...	,,
Ferrybridge ,, ...	1824 ...	S. Hailstone ...	,,

ELÆAGNACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1049. Hippophae Rhamnoides, Linn.			
Sea shores, indigenous in South only.			
Distrib. Europe, N. and Central Asia.			
Sp. Aberlady Bay, Haddington	1839 ...	J. H. Balfour ...	S. Hailstone
Winterton, Norfolk	(1840) ...	Mr. Cappers ...	,,

LORANTHACEÆ.

1050. Viscum album, Linn.			
A parasite on various trees.			
Distrib. Europe, N. Asia.			
Sp. Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone

SANTALACEÆ.

1051. Thesium linophyllum, Linn.			
Chalky pastures in Southern Counties.			
Distrib. S. Europe, N. Africa, W. Asia.			
Sp. Near Newmarket, Cambs.	1845 ...	Miss Hailstone ...	S. Hailstone

EUPHORBIACEÆ.

1054. Euphorbia platyphyllos, Linn.			
Cornfields, etc., from Yorks. southwards, rare.			
Distrib. S. Europe and Central, N. Africa, W. Asia, introduced N. America.			
Sp. Hurstpierpoint, Sussex	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton
1056. Euphorbia hyberna, Linn.			
Copses, etc., Devon.			
Distrib. France, Spain, Switzerland, Italy, Ireland.			
Sp. Ireland	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Cork, Ireland	1840 ...	J. B. Wood ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1058. Euphorbia Amygdaloides, Linn.			
Woods, etc., from Yorks. and Northumberland southwards, Ireland (near Brandon).			
Distrib. Europe South and Central, W. Asia, W. Siberia.			
Sp. Shooter's Hill, Kent	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Wrotham, Kent	1811 ...	S. Hailstone ...	S. Hailstone
1059. Euphorbia Esula, Linn.			
Introduced in fields near Alnwick, Forfar, and Edinburgh.			
Distrib. Europe, Persia, Mid and S. Asia, introduced N. America.			
Sp. Duddington, Edinburgh	1836 ...	Little	S. Hailstone
1060. Euphorbia Cyparissias, Linn.			
Woods, etc., introduced, from Cumberland, southwards.			
Distrib. Europe (excluding Turkey), introduced N. America.			
Sp. Alnwick, Northumberland	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Tenby, Pembroke	(1820) ...	Miss Stoven ...	S. Hailstone
1061. Euphorbia Paralias, Linn.			
Sandy shores, etc., from Cumberland southwards to Suffolk.			
Distrib. W. & S. Europe.			
Sp. Suffolk	1800 ...	D. Turner ...	Rev. J. Dalton
Swansea, Glamorgan...	1810 ...	W. Middleton ...	W. Middleton
Devon	1831 ...	W. S. Hore ...	S. Hailstone
Guernsey	1836 ...	S. Hailstone, jr....	,,
1062. Euphorbia portlandica, Linn.			
Sea shores from Wigton to Isle of Wight.			
Distrib. Coasts of Spain, Portugal, and France.			
Sp. Devonshire	1820 ...	S. Hailstone ...	S. Hailstone
Portland, Dorset	(1800) ...	Sowerby... ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1063. Euphorbia Peplus, Linn.			
Cornfields, etc.			
Distrib. Europe, N. Africa, W. Asia to N.W. India, introduced N. America.			
Sp. Thorp Arch, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
1064. Euphorbia exigua, Linn.			
Fields, etc., from Banff and Forfar southwards, Ireland.			
Distrib. Europe, N. Africa, W. Asia to India.			
Sp. Chichester, Sussex	1810 ...	W. Middleton ...	W. Middleton
Near Askham Bog, York	1838 ...	Richd. Spruce ...	S. Hailstone
1065. Buxus sempervirens, Linn.			
Chalk hills in Southern Counties, indigenous, Surrey.			
Distrib. S. Europe, N. Africa, N. Asia, to Japan, W. Asia to Himalaya.			
Sp. Box Hill, Surrey	1840 ...	Dr. Bromfield ...	S. Hailstone
1066. Mercurialis perennis, Linn.			
Shady places.			
Distrib. Europe, N. Africa.			
Sp. Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1067. Mercurialis annua, Linn.			
Cultivated ground from Fife & Perth southwards.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Chatham, Kent	1809 ...	W. Middleton ...	W. Middleton
Bath, Somerset	1833 ...	B. Baker ...	B. Baker
Norwich, Norfolk	1843 ...	S. Hailstone ...	S. Hailstone
Richborough, Kent	1843 ...	Mrs. J. Hailstone	,,

URTICACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1068. Ulmus montana, Sm.			
Woods, indigenous in N. England and Scotland.			
Distrib. Europe, Siberia.			
Sp. No locality			Rev. J. Dalton
1069. Ulmus campestris, Sm.			
A denizen, England, rarer in Scotland.			
Distrib. Mid. & S. Europe, N. Africa, Siberia.			
Sp. Collington Woods, Edinburgh ...	1825 ...	S. Hailstone ...	S. Hailstone
1070. Humulus Lupulus, Linn.			
Hedges from Yorks. southwards.			
Distrib. Temperate Europe, Asia, N. America.			
Sp. Croft, Yorks.	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Isle of Wight...	1810 ...	W. Middleton ...	W. Middleton
Whalley, Lancs.	1807 ...	S. Hailstone ...	S. Hailstone
Ambleside, Westmorland	1836 ...	,, ...	,,
1071. Urtica dioica, Linn.			
Waste places.			
Distrib. North Temperate Regions, S. Africa, The Andes, Australia.			
Sp. Croft. Yorks.	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
1072. Urtica pilulifera, Linn.			
An alien, waste places.			
Distrib. Europe, N. Africa, W. Asia, introduced N. America.			
Sp. Yarmouth, Norfolk	1833 ...	Dr. Bromfield ...	S. Hailstone
,, ,, ...	1846 ...	Mr. Fitt ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1073. Urtica urens, Linn.

Waste ground.

Distrib. Europe, N. Africa, Siberia, W. Asia to India, introduced N. America.

Sp. Croft, Yorks.	1842 ...	Rev. J. Dalton ...	Rev. J. Dalton
Yarmouth, Norfolk	1820 ...	S. Hailstone ...	S. Hailstone

1074. Parietaria officinalis, Linn.

Old walls, banks, etc.

Distrib. Europe, N. Africa, W. Asia.

Sp. Malton, Yorks.	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1810 ...	W. Middleton ...	W. Middleton
Hythe, Kent....	1847 ...	Mrs. J. Hailstone	S. Hailstone
Walls at York	1800 ...	S. Hailstone ...	S. Hailstone

MYRICACEÆ.

1075. Myrica Gale, Linn.

Bogs.

Distrib. Europe (excluding Italy, Greece and Turkey), N. Asia, N. America.

Sp. Askham Bog, York	1800 ...	S. Hailstone ...	S. Hailstone

CUPULIFERÆ.

1076. Betula alba, Linn.

Woods and copses.

Distrib. Europe, N. Asia, N. America. (a variety).

Sp. Cumberland	1810 ...	S. Hailstone ...	S. Hailstone

1077. Betula nana, Linn.

Mountains of Scotland.

Distrib. Arctic and Alpine Europe (excluding Spain, Greece and Turkey), N. Asia, N. America.

Sp. Scotland	1820 ...	W. Middleton ...	W. Middleton
N. Highlands of Scotland	1830 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1078. Alnus glutinosa, Linn.			
Wet places, river banks, etc.			
Distrib. Europe, N. Africa, W. & N. Asia to Japan.			
Sp. Near York	1806 ...	W. Middleton ...	W. Middleton
1079. Carpinus Betulus, Linn.			
Indigenous in S. of England, planted in N. England and Ireland.			
Distrib. Europe from Gothland southwards.			
Sp. No locality	...	S. Hailstone ...	S. Hailstone
1080. Corylus Avellana, Linn.			
Copses and hedges.			
Distrib. Europe, N. Africa, Siberia, Dahurea.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1081. Quercus Robur, Linn.			
Woods.			
Distrib. Europe, W. Asia from the Atlas Taurus and Syria, and nearly to the Arctic Circle.			
Sp. (*pedunculata*, Ehrh.), no locality ...	...	S. Hailstone ...	S. Hailstone
(*sessiliflora*, Salisb.) ,, ...	...	Rev. J Dalton ...	Rev. J. Dalton
1083. Fagus sylvatica, Linn.			
Woods, especially calcareous, from Cheshire southwards, planted in Scotland and Ireland.			
Distrib. Europe, W., S., and Central, Japan.			
Sp. Braid Woods, near Edinburgh ...	1836 ...	Ainley	S. Hailstone

SALICINEÆ.

1084. Salix triandra, Linn.			
River banks, etc. Often planted.			
Distrib. Europe, N. Asia.			
Sp. Quinton Pool, Warwicks	1848 ...	Thos. Kirk ...	S. Hailstone
Richmond, Yorks.	1841 ...	J. Ward ...	,,
Lewes, Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.

1085. Salix Hoffmanniana, Sm.

River banks, etc.

Distrib. As *triandra.*

Sp. Fakenham, Norfolk	1847 ...	W. L. Nottcutt ...	S. Hailstone
Audley End, Essex	1840 ...	Rev. J. E. Leefe	,,

1086. Salix decipiens, Hoffm.

Wet places.

Distrib.

Sp. Yorkshire	1830 ...	J. Ward... ...	S. Hailstone
Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hell Kettles, near Croft	1820 ...	A. Backhouse ...	,,
Audley End, Essex	1841 ...	Rev. J. E. Leefe	,,

1087. Salix amygdalina, Sm.

River banks, etc.

Distrib.

Sp. Darlington, Durham	(1830) ...	Rev. J. Dalton ...	Rev. J. Dalton
Lewes, Sussex	1810 ...	,, ...	,,
Audley End, Essex	1837 ...	Rev. J. E. Leefe	S. Hailstone

1088. Salix lanceolata, Sm.

Not considered indigenous.

Distrib.

Sp. Lewes, Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton

1089. Salix pentandra, Linn.

River banks, etc.

Distrib.

Sp. Semer Water, Yorks.	(1830) ...	J. Ward... ...	S. Hailstone

1090. Salix cuspidata, Schultz.

River banks, etc.

Distrib.

Sp. Shrewsbury, Salop	1843 ...	C. C. Babington	S. Hailstone

1091. Salix fragilis, Linn.

Wet places from Mid. Scotland southwards.

Distrib. Europe, Siberia, W. Asia, introduced America.

Sp. Richmond, Yorks.	(1830) ...	J. Ward... ...	S. Hailstone
Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Lewes, Sussex	...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1092. Salix Russelliana, Sm.			
Sp. Ripon, Yorks.	1800 ...	Brunton	S. Hailstone
Fakenham, Norfolk	1847 ...	W. L. Nottcutt ...	,,
Ripon, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Sussex	1810 ...	,, ...	,,
Bowling, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Audley End, Essex	1840 ...	Rev. J. E. Leefe	,,
1093. Salix alba, Linn.			
Wet ground from Sutherland southwards.			
Distrib. Europe, N. Africa, Siberia, W. Asia to India.			
Sp. Lewes, Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
1094. Salix vitellina, Linn.			
Distrib. As *S. alba.*			
Sp. Coventry Park, Warwick	1848 ...	Thos. Kirk ...	S. Hailstone
1095. Salix cærulea, Sm.			
Distrib. As *S. alba.*			
Sp. Audley End, Essex	1840 ...	Rev. J. E. Leefe	S. Hailstone
1096. Salix Caprea, Linn.			
Distrib. As *Cinerea.*			
Sp. Arburn Hill, Warwick	1848 ...	Thos. Kirk ...	S. Hailstone
1097. Salix cinerea, Linn.			
Copses and wet places from Inverness southwards.			
Distrib. Europe, N. & W. Asia to India.			
Sp. Birch Carr, Darlington	1820 ...	Backhouse ...	S. Hailstone
St. Leonard's Forest...	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
1098. Salix aquatica, Sm.			
Distrib. As *cinerea.*			
Sp. Bradford, Yorks.	1810 ...	S. Hailstone ...	S. Hailstone
1101. Salix aurita, Linn.			
Moist heaths, etc.			
Distrib. Europe, Siberia, W. Asia.			
Sp. Richmond, Yorks.	1837 ...	J. Ward	S. Hailstone
Hastings, Sussex	1820 ...	S. Hailstone ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1102. Salix argentea, Sm.			
Heaths and commons from Argyle and Aberdeen southwards.			
Distrib. Europe, Siberia.			
Sp. Tarlton Bridge, Lancs.	1800 ...	S. Hailstone ...	S. Hailstone
1104. Salix fusca, Linn.			
Distrib. etc. As *repens.*			
Sp. Kirby Lonsdale, Westmorland ...	1820 ...	S. Hailstone ...	S. Hailstone
1105. Salix repens, var. prostata, Sm.			
Distrib. etc. As *repens.*			
Sp. Sandscale, near Hawes	1800 ...	W. Brunton ...	S. Hailstone
1106. Salix repens, Linn.			
Heaths and commons from Argyle and Aberdeen southwards.			
Distrib. Europe, Siberia.			
Sp. Tarlton Bridge, Lancs.	1810 ...	Davies	S. Hailstone
1108. Salix laurina, Sm.			
Distrib. N. Europe.			
Sp. By River Tees	1810 ...	Backhouse ...	S. Hailstone
Richmond, Yorks.	1830 ...	J. Ward ...	,,
1109. Salix phylicifolia, var. Croweana			
Sp. High Force, Teesdale	1822 ...	Backhouse ...	S. Hailstone
Banks of Swale, Yorks.	1840 ...	J. Ward ...	,,
Bogs, near Darlington	...	...	,,
1126. Salix Smithiana, Willd.			
Sp. Near Darlington	1810 ...	Backhouse ...	S. Hailstone
Tarlton Bridge, Lancs.	1800 ...	S. Hailstone ...	,,
Arbury Hall, Warwick	1848 ...	T. Kirk	,,
1127. Salix lanata, Linn.			
Sp. Glen Dole, Clova	1834 ...	W. H. Campbell	S. Hailstone
Glen Callater, Aberdeenshire ...	1844 ...	H. C. Watson ...	,,
Clova	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1128. Salix lapponum, Linn.			
Sp. Glen Dole, Clova	1834 ...	W. H. Campbell	S. Hailstone
Clova	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
1130. Salix herbacea, Linn.			
Distrib. Arctic and Alpine Europe, N. Asia, etc.			
Sp. Skiddaw	1849 ...	J. Roly	S. Hailstone
Ben Lomond	1829 ...	S. Hailstone ...	,,
Belrumes, Banff.	1828 ...	P. Cruickshanks...	Rev. J. Dalton
Craigalleart	1809 ...	Rev. J. Dalton ...	,,
1131. Salix reticulata, Linn.			
Distrib. Reaching the limits of Arctic vegetation.			
Sp. Ben Lawers	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Clova, Forfarshire	1833 ...	G. Munby ...	,,
Scottish Highlands	1832 ...	H. C. Watson ...	S. Hailstone
1132. Salix purpurea, Linn.			
Sp. Ripon, Yorks.	(1800) ...	W. Brunton ...	S. Hailstone
1133. Salix rubra, Huds.			
Sp. Richmond, Yorks.	1848 ...	J. Ward	S. Hailstone
1134. Salix Forbyana, Sm.			
Sp. Richmond, Yorks.	1837 ...	J. Ward... ...	S. Hailstone
By the Tyne	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1135. Salix Helix, Linn.			
Sp. Richmond, Yorks.	1841 ...	J. Ward	S. Hailstone
Lewes, Sussex	(1820) ...	W. Brunton ...	Rev. J. Dalton
1136. Salix Lambertiana, Sm.			
Sp. Yorkshire	1830 ...	J. Ward... ...	S. Hailstone
Darlington	1820 ...	W. Backhouse ...	,,
Lewes, Sussex	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
1141. Populus alba, Linn.			
River banks, etc.			
Distrib. Europe, N. Africa, N. Asia.			
Sp. Lytham, Lancs.	1800 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1142. Populus tremula, Linn.			
Hedges and copses.			
Distrib. Europe, N. Africa, N. Asia.			
Sp. Calverley, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone

EMPETRACEÆ.

1143. Empetrum nigrum, Linn.			
Wet moors.			
Distrib. Northern Hemisphere, Chile, etc.			
Sp. Near Bingley	1806 ...	S. Hailstone ...	S. Hailstone
Near Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

CERATOPHYLLEÆ.

1144. Ceratophyllum demersum, Linn.			
Ponds and ditches from Forfarshire southwards, and in Ireland.			
Distrib. Europe, Asia, Africa, N. America			
Sp. Bracebridge, Lincoln...	1815 ...	Miss Stovin ...	S. Hailstone
1145. Ceratophyllum submersum, Linn.			
Distrib. As *C. demersum.*			
Sp. Linlithgow Lock, Linlithgow ...	1836 ...	I. B. Bell ...	S. Hailstone

CONIFERÆ.

1146. Juniperus communis, Linn.			
Montane slopes.			
Distrib. From the Atlas, Taurus, Himalaya, Japan and Rocky Mountains to Arctic Regions.			
Sp. Chatham, Kent	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Teesdale ... ... July 17th,	1822 ...	S. Hailstone ...	S. Hailstone
High Force, Yorks.	1822 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1148. Taxus baccata, Linn.			
Limestone hills from Aberdeen and Argyle southwards.			
Distrib. North Temperate Regions from Atlas, Taurus, Himalaya and Mexico to Arctic Circle.			
Sp. Woods above Greta Bridge July 16th,	1822 ...	S. Hailstone ...	S. Hailstone
High Force, Yorks.	1832 ...	,, ...	,,
Fountains Abbey	1800 ...	W. Brvnton ...	Rev. J. Dalton

HYDROCHARIDEÆ.

1149. Elodea canadensis, Michx.			
Introduced from America about 1836.			
Distrib. N. America.			
Sp. Cambridge	(1846)...	...	S. Hailstone
1150. Hydrocharis Morsus-ranæ, Linn.			
Ponds and ditches from Northumberland southwards.			
Distrib. Europe (excluding Turkey), Siberia.			
Sp. Old Malton Ings, Yorks.	1806 ...	W. Middleton ...	W. Middleton
Askham Bogs, near York	1800 ...	S. Hailstone ...	S. Hailstone
1151. Stratiotes aloides, Linn.			
Ponds and ditches, Eastern Counties, York to Suffolk, Lancashire to Cheshire.			
Distrib. Europe (excluding Greece and Turkey), Siberia.			
Sp. Loch of Clunie, Perthshire	1809 ...	W. Middleton ...	W. Middleton
Norwich	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near Manchester, Lancs.	(1830)...	Mellor	S. Hailstone

ORCHIDEÆ.

1152. Malaxis paludosa, Sw.			
Sphagnum bogs.			
Distrib. N. Europe, Siberia, Dahuria.			
Sp. Burgh, near Yarmouth	(1840)...	Jas. Backhouse ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1153. Liparis Loeselii, Rich.			
Spongy bogs, Norfolk, Suffolk, Cambridge and Hunts.			
Distrib. N. Europe.			
Sp. Burwell Fen, Cambs.	1835 ...	Prof. Henslow ...	S. Hailstone
1154. Corallorhiza innata, R.B.			
Damp sandy woods in Scotland.			
Distrib. N. and Mid. Europe, Siberia, N. America.			
Sp. No locality	1847 ...	Leyland	S. Hailstone
Scotland	1800 ...	Turner	Rev. J. Dalton
Ravelrig, near Edinburgh	1809 ...	W. Middleton ...	W. Middleton
1155. Neottia Nidus-avis, Rich.			
Woods from Forfar and Argyle southwards.			
Distrib. Europe, W. Siberia.			
Sp. Studley, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hildenley Wood, near Malton ...	1806 ...	W. Middleton ...	W. Middleton
Boston Spa, Yorks.	1838 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1839 ...	,, ...	,,
1156. Listera cordata, R.B.			
Heathy moors and woods from Hampshire and Devon northwards.			
Distrib. Europe, N. Asia, N. America.			
Sp. Grantley, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Seamer Moor, Scarboro'	1806 ...	W. Middleton ...	W. Middleton
Rye Loaf Hill, Settle, Yorks... ...	1830 ...	Jno. Tatham ...	S. Hailstone
Thornton Moor, near Swilling End ...	1820 ...	S. Hailstone ...	,,
1157. Listera ovata, R.B.			
Woods, roadsides, etc.			
Distrib. Europe, Siberia, etc.			
Sp. High Force, Teesdale	1822 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1830 ...	,, ...	,,
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1158. Spiranthes autumnalis, Rich.			
Dry ground from Yorkshire and Westmorland southwards.			
Distrib. W. Europe, N. Africa.			
Sp. Near Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ventnor, Isle of Wight	1830 ...	S. Hailstone, jr....	S. Hailstone
Walmer, Kent	1830 ...	S. Hailstone ...	,,
Devonshire	1840 ...	Miss Hailstone ...	,,
1159. Spiranthes æstivalis, Rich.			
Bogs in Hants and Worcester.			
Distrib. Europe, N. Africa			
Sp. New Forest, Hants	1884 ...	H. Goss	H. J. Wilkinson
1160. Goodyera repens, R.B.			
Fir woods from Berwick and Roxburgh to Ross.			
Distrib. Mid. and N. Europe, Siberia, Himalaya, N. America.			
Sp. Gordon Castle	1809 ...	W. Middleton ...	W. Middleton
Brodie House	1807 ...	Hooker	Rev. J. Dalton
Fir Woods, Forfar	1806 ...	Rev. J. Dalton ...	,,
Inglimaldie, Kincardine	1843 ...	Wm. Gardiner ...	S. Hailstone
1161. Cephalanthera rubra, Rich.			
Chalky woods and copses, Gloucester and Somerset.			
Distrib. Europe, W. Siberia.			
Sp. Gloucestershire	(1820) ..	Rev. J. Dalton ...	Rev. J. Dalton
1162. Cephalanthera ensifolia, Rich.			
Woods, etc. from Skye and Perth to Hants and Kent.			
Distrib. Europe, W. Siberia, W. Asia.			
Sp. Castle Eden Dene, Durham	1818 ...	Jas. Backhouse ...	S. Hailstone
Helks Wood, Ingleton, Yorks. ...	1832 ...	Jno. Howson ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1163. Cephalanthera grandiflora, Bab.			
Woods in chalky districts from Cumberland to Dorset and Kent.			
Distrib. Europe.			
Sp. Dorking, Surrey	1840 ...	Morris Birkbeck...	S. Hailstone
Arundel	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
1164. Epipactis latifolia, Sm.			
Woods and shady places.			
Distrib. Europe, N. Africa, Siberia and Himalaya.			
Sp. Thorp Arch, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
1165. Epipactis ovalis, Bab.			
Limestone districts from Hereford northwards, Ireland.			
Distrib. Europe.			
Sp. Near Settle, Yorks.	1843 ...	C. C. Babington ...	S. Hailstone
1166. Epipactis purpurata, Sm.			
Woods.			
Distrib. Europe.			
Sp. Kingwood Ferry	1849 ...	J. A. Brewer ...	S. Hailstone
1167. Epipactis palustris, Linn.			
Boggy ground from Fife southwards.			
Distrib. Europe, Siberia.			
Sp. Heslington Fields, York	1801 ...	S. Hailstone ...	S. Hailstone
Bramham Park, Yorks.	1849 ...	Morris Birkbeck...	,,
Isle of Wight	1830 ...	S. Hailstone, jr....	,,
1168. Orchis hircina, Linn.			
Copses in Suffolk and Kent, Surrey.			
Distrib. South and Central Europe, N. Africa.			
Sp. Dartford, Kent	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1169. Orchis pyramidalis, Linn.			
Fields and sea cliffs from Wigton and Northumberland southwards.			
Distrib. Europe, N. Africa.			
Sp. Near Newby, Ripon	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
1170. Orchis ustulata, Linn.			
Dry pastures from Durham southwards			
Distrib. W. & S. Europe, Siberia.			
Sp. Devil's Ditch, Cambs.	1841 ...	W. C. Trevelyan	S. Hailstone
Thorp Arch, Yorks.	(1840) ...	Hustler	,,
Near Ripon	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton
1172. Orchis simia, Lam.			
Chalky soils, Oxfordshire.			
Distrib. S. Europe, N. Africa, Siberia.			
Sp. Goring, Sussex	1860 ...	H. Boswell ...	Rev.J.Dalton,jr.
1173. Orchis morio, Linn.			
Meadows from Northumberland southwards.			
Distrib. Europe, Siberia, W. Asia.			
Sp. Near Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
1174. Orchis mascula, Linn.			
Pastures and shady positions.			
Distrib. Europe, N. Africa, W. Siberia.			
Sp. Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
Ripon, Yorks.	1800 ...	Rev. J. Dalton ..	Rev. J. Dalton
1175. Orchis latifolia, Linn.			
Moist pastures, bogs, etc.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Giggleswick, Yorks.	1834 ...	S. Hailstone ...	S. Hailstone
1176. Orchis maculata, Linn.			
Pastures and roadsides.			
Distrib. Europe, Siberia, W. Asia.			
Sp. Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1177. Aceras anthropophora, R.Br.			
On chalky soils S. & E. of England.			
Distrib. South and Central Europe, N. Africa.			
Sp. Northfleet, Kent	1806 ...	W. Middleton ...	W. Middleton
Cobham, Kent	1841 ...	Arthur Henfrey ...	S. Hailstone
1178. Ophrys apifera, Huds.			
Chalky soils from Durham and Lancaster southwards.			
Distrib. S. Europe, N. Africa.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hildenley Wood, Yorks.	1806 ...	W. Middleton ...	W. Middleton
Isle of Wight...	1836 ...	S. Hailstone, jr....	S. Hailstone
Strensall Common, Yorks.	1916 ...	A. Templeman ...	H. J. Wilkinson
1180. Ophrys aranifera, Huds.			
Chalk and limestone downs, South of England.			
Distrib. South and Central Europe.			
Sp. Walmer, Kent *(fucifera)*	1842 ...	Miss Harvey ...	S. Hailstone
Bury St. Edmunds, Suffolk	1806 ...	D. Turner ...	Rev. J. Dalton
Walmer, Kent	1900 ...	A. & J. Bennett ...	H. J. Wilkinson
1181. Ophrys muscifera, Huds.			
Calcareous soil from Durham and Westmorland southwards.			
Distrib. S. Europe.			
Sp. Reigate, Surrey	1841 ...	J. A. Brewer ...	S. Hailstone
Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	,,
Hildenley Wood, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Saltburn, Yorks.	1898 ...	H. Fisher ...	H. J. Wilkinson
1182. Herminium Monorchis, R.Br.			
Chalky downs, S. & S.E. Counties.			
Distrik. Europe (excluding Spain), Siberia, Himalaya.			
Sp. Bury St. Edmunds, Suffolk	1800 ...	D. Turner ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1183. Gymnadenia conopsea, B.			
Pastures and sea cliffs, etc.			
Distrib. Europe, Siberia, W. Asia.			
Sp. Newton Dale, Yorks....	1806 ...	W. Middleton ...	W. Middleton
Thorp Arch ,, ...	1832 ...	S. Hailstone ...	S. Hailstone
Gordale ,, ...	1837 ...	,, ...	,,
Redcar ,, ...	1800 ...	,, ...	,,
Thorp Arch ,, ...	1843 ...	,, ...	,,
1184. Habenaria albida, R.Br.			
Montane pastures, Sussex & Cardigan northwards.			
Distrib. Europe (excluding Turkey), W. Siberia, Greenland.			
Sp. Hole of Horcum, Yorks.	1800 ...	W. Middleton ...	W. Middleton
Newton Dale ,, ...	1800 ...	,, ...	,,
Dallow Gill ,, ...	1798 ...	Rev. J. Dalton ...	Rev. J. Dalton
Mallam Tarn ,, ...	1808 ...	S. Hailstone ...	S. Hailstone
Giggleswick ,, ...	1832 ...	,, ..	,,
1185. Habenaria viridis, R.Br.			
Meadows.			
Distrib. Europe, Siberia, N. America.			
Sp. Ripon, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
Hildenley Wood, Yorks.	1806 ...	W. Middleton ...	W. Middleton
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1186. Habenaria bifolia, R.Br.			
Boggy heaths, etc.			
Distrib. Europe, N. Asia.			
Sp. Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
Whalley, Lancs.	1807 ...	,, ...	,,
Ripon, Yorks.	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton
1187. Habenaria chlorantha, Bab.			
Boggy heaths, etc.			
Distrib. As *bifolia.*			
Sp. Teesdale	1844 ...	Jno. Backhouse ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1188. Cypripedium Calceolus, Linn.			
Woods in limestone districts, Yorks., Durham, and Westmorland.			
Distrib. Europe (excluding Turkey), N. Asia, Himalayas.			
Sp. Grassington, Yorks. (root from)	1797	Rev. J. Dalton	Rev. J. Dalton
Helk's Wood, Ingleton ,,	(1800)	W. Middleton	W. Middleton

IRIDEÆ.

1189. Iris fœtidissima, Linn.			
Limestone woods from Durham southwards, Ireland, not native in Scotland.			
Distrib. South Europe, N. Africa.			
Sp. Between Folkestone and Dover, Kent.	1811	S. Hailstone	S. Hailstone
Plymouth, Devon	1831	S. Hailstone	S. Hailstone
Sandgate, Kent	1808	W. Middleton	W. Middleton
1190. Iris Pseud-acorus, Linn.			
Wet places, common.			
Distrib. Europe, N. Africa, Siberia.			
Sp. Duddingstone Loch, Edinburgh ...	1828	W. P. Bain	B. Baker
Leckby Carr, Yorks.	1823	S. Hailstone	S. Hailstone
1191. Crocus minimus.			
Introduced.			
Distrib. S. Europe.			
Sp. Barton Park, Suffolk	1840	Jas. Backhouse	S. Hailstone
1192. Crocus aureus, Sibth.			
Introduced.			
Distrib. S. Europe.			
Sp. Sir H. Bunbury's Park, near Bury, Suffolk	(1840)	Dr. Bromfield	S. Hailstone
Suffolk	(1810)	W. J. Hooker	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.

1193. Crocus vernus, Linn.

Naturalized in various places in England and Ireland.

Distrib. Mid. and S. Europe.

Sp. Nottingham	1807	W. Middleton	W. Middleton
Harliston, Norfolk	1800	D. Turner	Rev. J. Dalton
Nottingham	1810	Rev. J. Dalton	,,
Suffolk	1840	S. Hailstone	S. Hailstone
Bierley Wood, Bradford, Yorks.	1823	,,	,,

1194. Crocus sativus, Linn.

Naturalized.

Distrib. S. Europe.

Sp. Ex Hort		Jas. Backhouse	S. Hailstone
Harleston, Norfolk	(1820)	Rev. J. Dalton	Rev. J. Dalton

1195. Crocus nudiflorus, Sm.

Meadows, etc., in Midland Countries.

A denizen or possible native.

Distrib. France, Spain.

Sp. Halifax, Yorks.	1830	Jas. Backhouse	S. Hailstone
Nottingham	1837	J. H. Balfour	S. Hailstone

1196. Trichonema Columnæ, Reich.

Sandy ground, Devonshire & Channel Islands.

Distrib. W. Europe and Mediterranean Shores.

Sp. Exmouth Warren, Devon	1842	W. S. Hore	S. Hailstone

1197. Sisyrinchium anceps, Bab.

Bogs in Galway.

Distrib. N. America, Bermuda.

Sp. Woodford, Galway	1846	Jas. Lynam	S. Hailstone

AMARYLLIDEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1198. Narcissus Pseudo-Narcissus, Linn.			
Moist wood through England. Naturalized in Scotland and Ireland.			
Distrib. Europe.			
Sp. Coton March, Cambs.	1834	St. C. Baker	B. Baker
Knapton, York	1804	W. Middleton	W. Middleton
Galphay Moor, near Ripon, Yorks.	1800	W. Brunton	S. Hailstone
Boston Spa, Yorks.	1832	S. Hailstone	,,
1199. Narcissus biflorus, Curt.			
Naturalized.			
Distrib. S. Europe, N. Africa.			
Sp. Shorne, Kent	1807	W. Middleton	W. Middleton
Near Ripon, Yorks.	(1800)	Teesdale	Rev. J. Dalton
Shoreham, Kent	1827	S. Hailstone	S. Hailstone
Grandchester, Cambs.	1834	St. C. Baker	B. Baker
1200. Narcissus poeticus, Linn.			
Naturalized.			
Distrib. S. Europe.			
Sp. Shorne, Kent	1807	W. Middleton	W. Middleton
1201. Galanthus nivalis, Linn.			
Woods, mostly naturalized.			
Distrib. W. Europe to Asia.			
Sp. Bodmin, Cornwall	1837	B. Baker	B. Baker
Thorp Arch, Yorks.	1832	S. Hailstone	S. Hailstone
Ripon, Yorks.	1800	Rev. J. Dalton	Rev. J. Dalton
1202. Leucojum æstivum, Linn.			
Wet meadows in Southern Counties.			
Distrib. Europe.			
Sp. Greenwich, Kent.	1807	W. Middleton	W. Middleton
Near Oxford	(1840)	Palmer	S. Hailstone

DIOSCOREÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1203. Tamus communis, Linn.			
Copses and hedges.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Thorp Arch, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone

LILIACEÆ.

1204. Ruscus aculeatus, Linn.			
Copses, etc. from Suffolk & Glamorgan southwards, naturalized Scotland and Ireland.			
Distrib. S. Europe, N. Africa, W. Asia.			
Sp. Torquay, Devon	(1840) ...	S. Hailstone ...	S. Hailstone
1205. Asparagus officinalis, Linn.			
Sea coasts from Anglesey and Suffolk southwards, S.E. Ireland, naturalized Scotland.			
Distrib. Europe, N. Africa, Siberia, Introduced N. America.			
Sp. Lizard Point, Cornwall	1799 ...	S. Hailstone ...	S. Hailstone
1206. Polygonatum verticillatum, All.			
Shady glens, Northumberland, Athol, Rattray and Dunkeld, Perthshire.			
Distrib. Europe, Siberia, Himalaya.			
Sp. Den of Rechip, Dunkeld	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton
1207. Polygonatum multiflorum, All.			
Woods from Yorks. southwards.			
Distrib. Europe, Siberia, Dahurea.			
Sp. Studley Woods, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Westwood, Netley Abbey	(1830) ...	Dr. Bromfield ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1208. Polygonatum officinale, All.			
Wooded limestone cliffs from the "Border" to Somerset, Wilts., Dorset, etc.			
Distrib. Europe, Siberia, Dahurea.			
Sp. Helk's Wood, Ingleton, Yorks. ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
1208a. Maianthemum bifolium, Schmidt.			
Woods, very rare, wild in Yorkshire.			
Distrib. Europe (Arctic), N. Asia, N. America.			
Sp. Hackness, Scarboro', Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
1209. Convallaria majalis, Linn.			
Woods from Moray to Kent & Somerset, naturalized Scotland and Ireland.			
Distrib. Europe, N. Asia.			
Sp. Coneysthorpe Banks, Yorks.	1806 ...	W. Middleton ...	W. Middleton
Mackershaw Woods, near Ripon ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Malham Cove, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
Woods, near Heptonstall, Yorks. ...	1832 ...	,, ...	,,
1210. Simethis bicolor, Kunth.			
Fir woods, Bournemouth, Derrynane, Ireland.			
Distrib. S. Europe, N. Africa.			
Sp. Bournemouth, Dorset.	1894 ...	W. Whitwell ...	H. J. Wilkinson
1211. Allium Ampeloprasum, Linn.			
Rocky banks, naturalized England, native in Ireland.			
Distrib. S. Europe, W. Asia.			
Sp. Steep holmes in the Severn (cult, from)	...	S. Hailstone ...	S. Hailstone
1212. Allium Scorodoprasum, Linn.			
Dry pastures, N. of England and Scotland.			
Distrib. Europe (excluding Spain).			
Sp. Boston Spa, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
Aberdeen	1837 ...	J. H. Balfour ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1213. Allium vineale, Linn.			
Waste places from Lanark, Aberdeen southwards, S. and East Ireland.			
Distrib. Europe, Canaries, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington Fields, York	1820 ...	W. Middleton ...	W. Middleton
,, ,, ,, ...	1801 ...	S. Hailstone ...	S. Hailstone
1214. Allium oleraceum, Linn.			
Borders of fields from Forfar, etc., to Devon and Kent.			
Distrib. Europe, W. Siberia, Himalaya.			
Sp. Thorp Arch, Yorks.	1849 ...	Morris Birkbeck...	S. Hailstone
Settle, Yorks.	1840 ...	Jno. Tatham ...	,,
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1215. Allium ursinum, Linn.			
Woods, common everywhere.			
Distrib. Europe, N. Asia.			
Sp. Bell Bank Woods, Bingley, Yorks. ...	1830 ...	S. Hailstone ...	S. Hailstone
Thorp Arch, Yorks.	1832 ...	,, ...	,,
1217. Scilla autumnalis, Linn.			
Pastures, etc., Southern Counties of England and Channel Islands.			
Distrib. W. Europe, N. Africa.			
Sp. St. Vincent's Rocks, Bristol, Glos. ...	1810 ...	W. Middleton ...	W. Middleton
Isle of Wight...	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
1219. Scilla nutans, Sm.			
Woods, etc., throughout the country.			
Distrib. W. & S. Europe.			
Sp. Thorp Arch, Yorks.	1832 ...	S. Hailstone ...	S. Hailstone
1220. Ornithogalum nutans, Linn.			
Copses in Mid. & E. Counties, naturalized.			
Distrib. Europe from Sweden southwards			
Sp. Blackwell, Darlington, naturalized ...	1820 ...	Jas. Backhouse ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1221. Ornithogalum umbellatum, Linn.			
Naturalized in copses, etc.			
Distrib. Europe.			
Sp. Bath	(1840) ...	Dr. Bromfield ...	S. Hailstone
Ripon	(1800) ...	W. Brunton ...	Rev. J. Dalton
Newark, Notts.	1806 ...	W. Middleton ...	W. Middleton
1222. Ornithogalum pyrenaicum, Linn.			
Shady places, S. & W. Counties.			
Distrib. W. & S. Europe.			
Sp. Bath, Somerset	1841 ...	S. H. Haslam ...	S. Hailstone
Chichester, Sussex	1812 ...	Rev. J. Dalton ...	Rev. J. Dalton
1223. Lilium pyrenaicum, Gouan.			
Naturalized.			
Distrib. S. Europe.			
Sp. South Molton, Devon	1899 ...	F. H. Weekes ...	H. J. Wilkinson
1224. Lilium Martagon, Linn.			
Copses, etc., naturalized Surrey.			
Distrib. Europe.			
Sp. Thorp Arch, Yorks., naturalized ...	1843 ...	S. Hailstone ...	S. Hailstone
1225. Fritillaria Meleagris, Linn.			
Moist meadows from Norfolk and Bedford to Sussex and Hants, a denizen.			
Distrib. Europe to W. Asia.			
Sp. Suffolk	1829 ...	Prof. Henslow ...	S. Hailstone
Cambridge	1820 ...	Jno. Hailstone ...	,,
1226. Tulipa sylvestris, Linn.			
Possibly only naturalized in its various stations.			
Distrib. Europe.			
Sp. Blackwell, near Darlington	1820 ...	S. Hailstone ...	S. Hailstone
Bury St. Edmund's, Suffolk	(1800) ...	Turner	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1227. Gagea lutea, Ker.			
Copses, etc. from Moray to Dorset.			
Distrib. Europe, N. Asia, Himalaya.			
Sp. Ripon, Yorks.	1800 ...	W. Middleton ...	W. Middleton
Sleningford, near Ripon	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1835 ...	Brownrigg ...	S. Hailstone
Wood, near Oglethorpe Ings, Thorp Arch	1836 ...	S. Hailstone ...	,,
1228. Colchicum autumnale, Linn.			
Damp meadows from Westmorland and Durham to Dorset and Surrey, naturalized Scotland, S. & Mid. Ireland.			
Distrib. Europe.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ..	Rev. J. Dalton
Aberford ,, ...	1806 ...	S. Hailstone ...	S. Hailstone
Thorp Arch ,, ...	1832 ...	,, ...	,,
1229. Narthecium ossifragum, Huds.			
Spongy bogs.			
Distrib. Europe, N. Asia, N. America.			
Sp. Near Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
On the moor, opposite the Queen's Head, Harrogate, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
Moor, near Keb Cote...	1801 ...	,, ...	,,
1230. Tofieldia palustris, Huds.			
Mountain bogs.			
Distrib. N. Europe, Asia, N. America.			
Sp. Blair Atholl	1809 ...	W. Middleton ...	W. Middleton
Teesdale	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Cronkley, Yorks.	1824 ...	Hustler	S. Hailstone
1231. Paris quadrifolia, Linn.			
Damp woods.			
Distrib. Europe, Siberia, W. Asia.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Levisham ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
Thorp Arch ,, ...	1839 ...	,, ...	,,

JUNCACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1232. Juncus bufonius, Linn.			
Wet places, common.			
Distrib. Europe, N. Africa, Siberia, Himalaya, N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Strensall Common, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Skipwith, Yorks.	1892 ...	,, ...	,,
Leckby Carr, Yorks.	1826 ...	S. Hailstone ...	S. Hailstone
1233. Juncus trifidus, Linn.			
Alpine rocks in N. Scotland.			
Distrib. N. & Mid. Europe, W. Asia, W. Persia, N. America.			
Sp. Ben Nevis	1809 ...	W. Middleton ...	W. Middleton
Clova	1837 ...	J. H. Balfour ...	S. Hailstone
Lochnagar, Aberdeen	1887 ...	H. Fisher ...	H. J. Wilkinson
Scotland	1843 ...	H. C. Watson ...	S. Hailstone
Ben na Bourd	1831 ...	R. K. Greville ...	Walker
1234. Juncus squarrosus, Linn.			
Wet moors, etc.			
Distrib. N. Europe, Siberia, Greenland.			
Sp. Ilkley, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Skipwith ,, ...	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
1235. Juncus compressus, Jacq.			
Marshy ground.			
Distrib. Europe, W. Asia to Persia, N. America.			
Sp. Seaton Carew, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Coatham, Yorks.	1800 ...	,, ...	,,
Wallasey Pool, Cheshire	1842 ...	Gibson	,,
1236. Juncus Gerardi, Lois.			
Marshes, etc.			
Distrib. Europe, Siberia, W. Asia to Persia, N. America.			
Sp. Withernsea, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Shirehampton, Glos.	1885 ...	H. Fisher ...	H. J. Wilkinson

		DATE.	COLLECTOR.	HERBARIUM.

1237. Juncus tenuis, Willd.

Sandy moist soil, Hereford.

Distrib. France, Belgium, Holland, Bohemia, Germany (Sporadic).

Sp.	Angusshire	(1800) ...	G. Don	Rev. J. Dalton
	Hills of Forfar	1806 ...	,, ...	W. Middleton

1238. Juncus balticus, Willd.

Margins of lakes, etc.

Distrib. N. Europe, N. America.

Sp.	Sands of Barrie	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
	Elgin, Scotland	1812 ...	S. Hailstone ...	S. Hailstone
	Sands of Barrie	(1830) ...	Arnley	,,
	,, ,, ...	1820 ...	G. Munby ...	G. Munby

1239. Juncus filiformis, Linn.

Margins of lakes, etc.

Distrib. Europe, N. Asia, N. America.

Sp.	Scotland	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
	Keswick	1812 ...	,, ...	,,
	Thirlmere	1840 ...	O. A. Moore ...	O. Moore
	,, ...	1844 ...	Borrer	S. Hailstone
	Loweswater Lake, Cumb.	1880 ...	W. B. Waterfall...	H. J. Wilkinson

1240. Juncus glaucus, Ehrh.

Wet places.

Distrib. Europe, N. Africa, Siberia.

Sp.	West Coatham, Yorks.	1824 ...	S. Hailstone ...	S. Hailstone
	Sleights, Yorks.	1803 ...	W. Middleton ...	W. Middleton
	Shorne, Kent...	1806 ...	,, ...	,,
	Strensall, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1241. Juncus effusus, Linn.

Wet places.

Distrib. Europe, N. Africa, Temperate Asia and America.

Sp.	Strensall Common, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
	Coatham, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
	Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1243. Juncus conglomeratus, Linn.			
Wet places everywhere.			
Distrib. As *effusus.*			
Sp. Strensall Common, Yorks.	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
1244. Juncus maritimus, Lam.			
Salt marshes from Islay and Nairn southwards.			
Distrib. Europe, N. Africa, W. Siberia, N. America.			
Sp. Southampton, Hants	1806 ...	W. Middleton ...	W. Middleton
Llandudno, N. Wales	1884 ...	H. Fisher ...	H. J. Wilkinson
1245. Juncus acutus, Linn.			
Sandy sea shores from Norfolk and Carnarvon southwards, S. & S.E. Ireland.			
Distrib. S. Europe, N. Africa.			
Sp. Rosscarbery, co. Cork	1890 ...	R. A. Phillips ...	H. J. Wilkinson
Swansea, Glam.	1800 ...	D. Turner ...	Rev. J. Dalton
Sandwich, Kent	1806 ...	W. Middleton ...	W. Middleton
1246. Juncus supinus, Moench.			
Wet boggy ground, common.			
Distrib. Europe, N. Africa, N. & W. Asia.			
Sp. Leckby Carr, Yorks.	1822 ...	S. Hailstone ...	S. Hailstone
,, ,, ,, ...	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ,, ...	...	S. Hailstone ...	S. Hailstone
Swanbister, Orkney	1849 ...	J. T. Low ...	,,
Hackness, Yorks.	1843 ...	H. Ibbotson ...	H. J. Wilkinson
1247. Juncus obtusiflorus, Ehrh.			
Marshes from Wigton and Haddington southwards, rare in Scotland and S.E. Ireland.			
Distrib. Europe from Gothland southwards (except Greece, Turkey and Russia), N. Africa.			
Sp. Bottisham Fen, Cambs.	1839 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1248. Juncus pygmaeus, Rich.			
Sandy ground near sea in Cornwall.			
Distrib. W. & S. Europe.			
Sp. Lizard Downs, Cornwall	1877 ...	W. Curnow ...	H. J. Wilkinson
,, ,, ,, ...	1891 ...	F. H. Weekes ...	F. H. Weekes
1249. Juncus lampocarpus, Ehrh.			
Boggy places.			
Distrib. Europe, N. Africa, N. and W. Asia, N. America.			
Sp. Sleights, Yorks.	1803 ...	W. Middleton ...	W. Middleton
Teesdale ,, ...	1824 ...	S. Hailstone ...	S. Hailstone
Upper Teesdale, Durham	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1250. Juncus acutiflorus, Ehrh.			
Bogs in mountain districts.			
Distrib. Europe, N. Africa, N. and W. Asia.			
Sp. Skipwith Common, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall Common ,, ...	1890 ...	,, ...	,,
High Force, Teesdale ,, ...	1824 ...	S. Hailstone ...	S. Hailstone
,, ,, ,, ,, ...	1800 ...	,, ...	,,
1251. Juncus castaneus, Sm.			
Alpine bogs in Argyle, Perth, Forfar and Aberdeen.			
Distrib. N. & Mid. Europe, N. America, Siberia and Asia to Himalaya.			
Sp. Clova, Forfarshire	1844 ...	H. C. Watson ...	S. Hailstone
,, ,, ...	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ben Lawers	1820 ...	,, ...	,,
Canlochen Glen, Forfarshire... ...	1848 ...	J. Backhouse ...	S. Hailstone
1252. Juncus biglumis, Linn.			
Alpine bogs, Perth and Aberdeen.			
Distrib. N. Europe, Asia, Himalaya and N. America.			
Sp. Ben Lawers	1831 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1837 ...	Dr. Greville ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1253. Juncus triglumis, Linn.			
Alpine bogs, Carnarvon and Durham northwards, absent Ireland.			
Distrib. Europe, N. Asia, N. America.			
Sp. Teesdale, Durham	1885 ..	H. J. Wilkinson ...	H. J. Wilkinson
Ben Lomond	1829 ...	S. Hailstone ...	S. Hailstone
Clova, Forfarshire	1833 ...	G. Munby ...	G. Munby
Braemar	1840 ...	H. C. Watson ...	S. Hailstone
Ben Lomond	1829 ...	S. Hailstone ...	,,
Ben Lawers	1828 ...	W. P. Bain ...	B. Baker
1254. Juncus capitatus, Weigel.			
Inundated sands, Cornwall, Jersey and Guernsey.			
Distrib. Europe, N. Africa.			
Sp. Jersey	1837 ...	W. Christy ...	S. Hailstone
1255. Luzula Forsteri, D.C.			
Shaded places in chalky soil, Essex and Cardigan southwards.			
Distrib. S. & Mid. Europe, N. Africa.			
Sp. Claremont Park, Surrey	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Essex	(1800) ...	W. Brunton ...	S. Hailstone
1256. Luzula pilosa, Willd.			
Waste shady ground.			
Distrib. Europe, N. Africa, Asia, N. America.			
Sp. Studley Woods, near Ripon	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Skipwith Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
1257. Luzula sylvatica, Gaud.			
Woods and heaths.			
Distrib. Europe.			
Sp. Beckdale, Helmsley, Yorks.	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
Isle of Man	1841 ...	S. Hailstone ...	S. Hailstone
Falls of Clyde	1840 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1258. Luzula arcuata, Hook.

High mountains of Aberdeen, Banff, and Sutherland.

Distrib. N. and Arctic Europe.

Sp. Ben Macdhui	1836 ...	Fraser	S. Hailstone
Ben-ra-Muic-duich, Braemar... ...	1837 ...	J. H. Balfour ...	,,
Ben Macdhui	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1883 ...	A. E. Lomax ...	H. J. Wilkinson

1259. Luzula spicata, D.C.

Mountains of Wales, Westmorland, and Scotland.

Distrib. Arctic Europe, N. Asia, N. America.

Sp. Lochnagar	1807 ...	W. Middleton ...	W. Middleton
Grampians	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ben Lomond	1809 ...	W. Middleton ...	W. Middleton
Ben Lawers	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ...	1809 ...	Hooker	,,
Clova	1842 ...	J. H. Balfour ...	O. Moore
Lochnagar	1887 ...	H. Fisher ...	H. J. Wilkinson
Ben Lawers	1841 ...	Gourlie	S. Hailstone

1260. Luzula campestris, D.C.

Meadows, etc., common.

Distrib. Europe and all temperate and cold regions.

Sp. Copgrove, Yorks. (*congesta*)	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Isle of Man	1841 ...	S. Hailstone ...	S. Hailstone
Teesdale (*congesta*)	1830 ...	,, ...	,,
Trossachs	1830 ...	,, ...	,,
Teesdale	1832 ...	,, ...	,,

1261. Luzula nivea, Desr.

A doubtful native, in any British station.

Distrib. S. Europe.

Sp. Fife	1847 ...	Dr. Dewar ...	S. Hailstone

TYPHACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1262. Typha latifolia, Linn.			
Ponds and ditches from Elgin and Renfrew southwards.			
Distrib. Europe, N. Africa, N. America.			
Sp. Bierley, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
Ripon, Yorks.	1824 ...	Rev. J. Dalton ...	Rev. J. Dalton
York	1824 ...	W. Middleton ...	W. Middleton
1263. Typha angustifolia, Huds.			
Ponds and ditches from Fife and Kirkcudbright southwards.			
Distrib. Europe, N. Africa, Siberia.			
Sp. Ripon, Yorks.	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Between Rythe and Rye, Sussex ...	1806 ...	W. Middleton ...	W. Middleton
Newcastle, Northumberland	1800 ...	W. Brunton ...	S. Hailstone
1264. Sparganium ramosum, Huds.			
Ponds and ditches.			
Distrib. Europe, N. Africa, N. America.			
Sp. Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
1265. Sparganium simplex, Huds.			
Ponds and ditches from Isla and Ross southwards.			
Distrib. Europe, N. & W. Asia, N. America.			
Sp. Redcar	1822 ...	Hustler	S. Hailstone
Castle Howard Lake, Yorks... ...	1806 ...	W. Middleton ...	W. Middleton
1266. Sparganium natans, Linn.			
Lakes and ditches from Dorset & Kent northwards.			
Distrib. Europe, N. Africa, W. Asia, N. America.			
Sp. Oban, Scotland	1809 ...	W. Middleton ...	W. Middleton
Staveley Carr, near Borobridge, Yorks.	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton

AROIDEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1267. Arum maculatum, Linn.			
Woods and hedgebanks from Berwick, etc., southwards.			
Distrib. Europe, N. Africa.			
Sp. Thorp Arch, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Knavesmire Wood, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
1268. Acorus Calamus, Linn.			
Sides of ponds, etc., from York and Lancaster southwards, naturalized in Scotland and Ireland.			
Distrib. Europe, Siberia, Himalaya and N. America.			
Sp. Ince, near Wigan, Lancs.	1814 ...	S. Hailstone ...	S. Hailstone
Howsham, Yorks.	1800 ...	Rev. J. Dalton ..	Rev. J. Dalton

LEMNACEÆ.

1269. Lemna trisulca, Linn.			
Still pools and ditches.			
Distrib. Europe, Siberia.			
Sp. Selby, Yorks....	(1840) ...	Gibson	S. Hailstone
Yarmouth, Norfolk	1836 ...	S. Hailstone ...	,,
Near Ramsgate, Kent	1838 ...	,, ...	,,
1270. Lemna minor, Linn.			
Still pools.			
Distrib. Almost universal.			
Sp. Esher, Surrey	1841 ...	H. C. Watson ...	S. Hailstone
Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1271. Lemna polyrhiza, Linn.			
Still waters from Lanark & Edinburgh to Devon & Kent, southwards.			
Distrib. Europe, Siberia, Madeira, N. America.			
Sp. Norwich, Norfolk	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thames Ditton, Surrey	1843 ...	H. C. Watson ...	S. Hailstone

ALISMACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1272. Alisma plantago, Linn.			
Margins and shallow waters from Ross southwards.			
Distrib. Europe.			
Sp. Bowling Mill Dam, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
1273. Alisma ranunculoides, Linn.			
Ditches, etc. from Ross southwards.			
Distrib. Europe (excluding Turkey), N. Africa.			
Sp. Snowdon	1808 ...	W. Middleton ...	W. Middleton
Near Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Doncaster	1819 ...	S. Hailstone ...	S. Hailstone
Bramham Moor, Yorks.	1801 ...	,, ...	,,
1274. Alisma natans, Linn.			
Lakes, etc., N. & W. of England, from York to Hereford, Stranaer (Scotland), W. Ireland.			
Distrib. Europe	...	No locality ...	Rev. J. Dalton
1275. Sagittaria sagittifolia, Linn.			
Canals, etc.			
Distrib. Europe, N. Asia, N.W. India.			
Sp. In River Trent, Newark, Notts. ...	1803 ...	W. Middleton ...	W. Middleton
Canal, near Skipton, Yorks.	1805 ...	S. Hailstone ...	S. Hailstone
In the Foss, York	1800 ...	,, ...	,,
1276. Actinocarpus Damasonium, Br.			
Ditches and pools from Salop & Suffolk to Sussex and Hants.			
Distrib. S. Europe, N. Africa.			
Sp. Epping Forest, Essex	1812 ...	Rev. J. Dalton ...	Rev. J. Dalton
Putney Heath, Surrey	1848 ...	Lawrence ...	S. Hailstone
Ditton Common	(1840) ..	Dr. Bromfield ...	,,
Thames Ditton, Surrey	1844 ...	H. C. Watson ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1277. Butomus umbellatus, Linn.			
Ditches and river sides from Cumberland and Durham southwards, Ireland, naturalized in Scotland.			
Distrib. Europe, W. Asia to India.			
Sp. Isle of Dogs	1834 ...	B. Baker ...	B. Baker
Brafferton, Yorks.	1834 ...	Rev. W. Gray ...	H. J. Wilkinson
Foss at York	1801 ...	S. Hailstone ...	S. Hailstone
In Leeds and Liverpool Canal from Armley to Holme Bridge	1827 ...	,, ...	,,

NAIADACEÆ.

1278. Triglochin palustre, Linn.			
Marshy ground.			
Distrib. Europe (excludieg Greece and Turkey), N. Africa, N. Asia, N. America.			
Sp. Askham Bogs, near York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Near Spink Well Wood	1840 ...	S. Hailstone ...	S. Hailstone
Bottisham Fen, Cambs.	1843 ...	,, ...	,,
Sharow, near Ripon, Yorks.	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
1279. Triglochin maritimum, Linn.			
Salt marshes.			
Distrib. Europe (Arctic), N. Africa, etc.			
Sp. Whitby, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
1280. Scheuchzeria palustris, Linn.			
Marshes, Salop, Notts., Chester, York, Perth.			
Distrib. Europe, N. Asia, N. America.			
Sp. Leckby Carr, near Borobridge, Yorks.	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ,,	1807 ...	W. Middleton ...	W. Middleton
,, ,, ,,	1823 ...	S. Hailstone ...	S. Hailstone
,, ,, ,,	1824 ...	Jas. Backhouse ...	,,
,, ,, ,,	1870 ...	Hy. Ibbotson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1281. Potamogeton natans, Linn.			
Ponds and ditches.			
Distrib. Throughout the World.			
Sp. Malton Ings, Yorks.	1803 ...	W. Middleton ...	W. Middleton
Bottisham Fen, Cambs.	1829 ...	Rev. J. Dalton ...	Rev. J. Dalton
1282. Potamogeton polygonifolius, Pour.			
Moorland pools, etc.			
Distrib. Europe, Asia, New Zealand.			
Sp. Burwell Fen, Cambs.	1805 ...	Relhan	Rev. J. Dalton
Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	,,
Askham Bogs, York	1820 ...	S. Hailstone ...	S. Hailstone
1283. Potamogeton plantagineus, Du Croz.			
Ponds and streams.			
Distrib. Europe, etc.			
Sp. Heslington Fields, York	1844 ...	Hy. Baines ...	S. Hailstone
Norfolk	(1800) ...	D. Turner ...	Rev. J. Dalton
Bottisham Fen, Cambs.	1829 ...	Rev. J. Dalton ...	,,
Burwell Fen, Cambs.	1829 ...	,, ...	,,
1284. Potamogeton fluitans, Roth.			
Pools, etc., on heaths.			
Distrib. Europe.			
Sp. Ditches, near Ripon, Yorks.	1805 ...	W. Brunton ...	S. Hailstone
1285. Potamogeton rufescens, Schrad.			
Ponds and streams.			
Distrib. Europe, Siberia, N.W. Asia, N. America.			
Sp. Sussex	(1800) ...	Teesdale ...	Rev. J. Dalton
Teesdale, Yorks.	1816 ...	Rev. J. Dalton ...	,,
Ripon, Yorks.	1800 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1286. Potamogeton heterophyllus, Schreb.			
Ponds and streams from Isla and Caithness southwards.			
Distrib. Europe.			
Sp. Burwell Fen, Cambs.	1829	Rev. J. Dalton	Rev. J. Dalton
Potteric Carr, near Doncaster	1850	O. A. Moore	O. A. Moore
Shropshire	1820	Rev. J. Dalton	Rev. J. Dalton
Loch of Clunie	1809	W. Middleton	W. Middleton
Ripon, Yorks.	1830	Rev. J. Dalton	Rev. J. Dalton
1287. Potamogeton lucens, Linn.			
Lakes and streams from Aberdeen and Argyle to Devon and Kent.			
Distrib. Europe, N. Africa, N.W. India, N. America.			
Sp. Sussex	1830	Rev. J. Dalton	Rev. J. Dalton
Loch of Monyvaird, Perthshire	1842	Lady Keith Murray	S. Hailstone
Near Ripon, Yorks.	1800	W. Brunton	Rev. J. Dalton
River Derwent, Malton, Yorks.	1803	W. Middleton	W. Middleton
1288. Potamogeton prælongus, Wulf.			
Deep waters, chiefly on the East from Nairn to Berks. and Surrey.			
Distrib. Europe, Himalaya, America.			
Sp. River Waveney, Bungay, Suffolk	1843	D. Stock	S. Hailstone
1289. Potamogeton perfoliatus, Linn.			
Ponds and streams, common.			
Distrib. Europe, N. Africa, N.W. India, *America.*			
Sp. River Aire, Kirkstall, near Leeds	1826	S. Hailstone	S. Hailstone
River Wharfe, at Castley, Yorks.	1830	,,	,,
Burwell and Bottisham Fens, Cambs.	1845	,,	,,
Boroughbridge, Yorks.	1820	W. Middleton	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1290. Potamogeton crispus. Linn.			
Ponds and ditches from Isla and Elgin to Kent and Devon.			
Distrib. Europe, N. Asia, India, N. America, Australia.			
Sp. Malton Ings, Yorks.	1803 ...	W. Middleton ...	W. Middleton
River Foss, at York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Tarlton Bridge, Lancs. ...	1820—1830	S. Hailstone ...	S. Hailstone
1291. Potamogeton densus, Linn.			
Ponds and streams from Forth and Clyde to Devon and Kent, Scotland and Ireland.			
Distrib. Europe, N. Africa.			
Sp. Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
River Foss, at York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Mr. Percival's ponds, at Acomb, near York	1826 ...	S. Hailstone ...	S. Hailstone
1292. Potamogeton zosterifolius, Schum.			
Lakes and ditches from Forfar and Perth southwards.			
Distrib. Europe, N. America.			
Sp. Loch of Balgaries, Forfar	1842 ...	Miss Carnegy ...	S. Hailstone
Bottisham Fen, Cambs.	1829 ...	Rev. J. Dalton ...	Rev. J. Dalton
1293. Potamogeton acutifolius, Linn.			
Lakes and ditches, Lincoln to Surrey and Dorset.			
Distrib. Europe.			
Sp. Sussex	1820 ...	W. J. Hooker ...	Rev. J. Dalton
1294. Potamogeton obtusifolius, M. & K.			
Ponds and ditches from Lanark and Kincardine to Devon and Kent.			
Distrib. Europe, N. America.			
Sp. Loch of Clunie, Perthshire	1809 ...	W. Middleton ...	W. Middleton
Hell Kettles, Darlington	1816 ...	W. Backhouse ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1295. Potamogeton Friesii, Rupr.			
Ponds, rivers, etc.			
Distrib. Europe.			
Sp. Tarlton Bridge, Lancs.	1830	S. Hailstone	S. Hailstone
Ripon, Yorks.	1830	Rev. J. Dalton	Rev. J. Dalton
Newby, Yorks.	1830	,,	,,
Burwell and Bottisham Fens, Cambs.	1829	,,	,,
1296. Potamogeton pusillus, Linn.			
Rivers, ponds, etc.			
Distrib. Europe, N. Africa, N. America.			
Sp. Redcar, Yorks.	1800	S. Hailstone	S. Hailstone
Canal, at Burnley, Lancs. (var. *tenuissimus*, Fries.)	1800	,,	,,
Ripon, Yorks.	1830	Rev. J. Dalton	Rev. J. Dalton
Norton Ings, Malton, Yorks.	1803	W. Middleton	W. Middleton
1297. Potamogeton pectinatus, Linn.			
Fresh and brackish waters.			
Distrib. Europe, N. Africa, N. Asia, N. America and Australia.			
Sp. Ripon, Yorks.	1830	Rev. J. Dalton	Rev. J. Dalton
Loch of Balgaries, Forfar	1842	Miss Carnegy	S. Hailstone
River Trent, Newark, Notts. (var. *marinus*)	1820	W. Middleton	W. Middleton
1298. Potamogeton flabellatus, Bab.			
Fresh and brackish waters, England and Ireland.			
Distrib. Europe, N. Africa, Asia, N. America.			
Sp. Near Blackpool, Lancs.	(1830)	S. Hailstone	S. Hailstone
1301. Zannichellia palustris, Linn.			
Fresh and brackish ditches and pools.			
Distrib. Europe, N, Africa, India.			
Sp. Shelford, Cambs.	1834	S. Hailstone	S. Hailstone
Coatham, Yorks.	1820	Hustler	,,

	DATE.	COLLECTOR.	HERBARIUM.

1302. Zostera marina, Linn.

Muddy estuaries.

Distrib. Most temperate regions.

Sp. Brighton	1807	W. Middleton	W. Middleton
Coatham, Yorks.	1800	S. Hailstone	S. Hailstone

ERIOCAULACEÆ.

1303. Eriocaulon septangulare, With.

Lakes in W. Scotland & W. Ireland.

Distrib. N. America, Scotland, Ireland.

Sp. Connemara	1820	W. Middleton	W. Middleton
Isle of Skye	1800	W. J. Hooker	Rev. J. Dalton
,, ,,	1850	H. Ibbotson	H. J. Wilkinson

CYPERACEÆ.

1304. Cyperus fuscus, Linn.

Wet meadows, Southern Counties.

Distrib. Europe, N. Africa, W. Asia.

Sp. Shalford Common, Surrey	1846	Jno. D. Salmon	S. Hailstone
Chelsea, Middlesex	1830	Gibson	,,

1305. Cyperus longus, Linn.

Marshes, Pembroke, and from Kent to Cornwall.

Distrib. S. Europe, N. Africa.

Sp. Jersey	1840	S. Hailstone	S. Hailstone
Somerset	1790	Sole	Rev. J. Dalton

1306. Eleocharis acicularis, Sm.

Margins of pools, etc., from Perth and Kinross southwards, Scotland, W. Ireland.

Distrib. Europe, Siberia, N.W. India, N. America.

Sp. Bainbridge, Yorks.	1810	Relhan	Rev. J. Dalton
Castle Howard, Yorks.	1790	Teesdale	,,
Terrington Carr ,,	1820	Rev. J. Dalton	,,
Halifax, Yorks. (var. *longicaulis*)	1844	Saml. Gibson	S. Hailstone
Elland ,,	1840	S. Hailstone	,,
Stockton Common, Yorks.	1810	W. Middleton	W. Middleton
Strensall Common ,,	1892	H. J. Wilkinson	H. J. Wilkinson
Castle Howard ,,	1841	Richd. Spruce	Walker

	DATE.	COLLECTOR.	HERBARIUM.

1307. Eleocharis palustris, R.Br.

Wet places.

Distrib. Europe, N. Africa, Asia, N. America.

Sp. Shipley, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Ripon ,, ...	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Stockton Common, Yorks.	1800 ...	W. Middleton ...	W. Middleton
Askham Bog ,, ...	1846 ...	Hy. Baines ...	Walker
Strensall Common ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1308. Eleocharis multicaulis, Sm.

Marshy places.

Distrib. Europe (excluding Turkey), N. Africa, N. America.

Sp. Bagnley Moor, Cheshire	1844 ...	Hy. Baines ...	Walker
Bramham Moor, Yorks.	1805 ...	Rev. J. Dalton ...	Rev. J. Dalton
Sawley Moor, near Ripon, Yorks. ...	1803 ...	W. Brunton ...	S. Hailstone
Cronkley, Teesdale	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall Common, Yorks.	1883 ...	,, ...	,,
Stockton Common ,, ...	1820 ...	W. Middleton ...	W. Middleton
Houghton Moor ,, ...	1798 ...	R. Teesdale ...	Rev. J. Dalton

1309. Scirpus pauciflorus, Lightf.

Moors, etc., northwards to Ross.

Distrib. Europe (excluding Turkey), N. & W. Asia, N. America.

Sp. Shelford Common, Cambs.	1833 ...	J. S. Henslow ...	B. Baker
Scotland	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ripon, Yorks...	1805 ...	,, ...	,,
Hinton Moor, Cambs.	1802 ...	,, ...	,,
Cronkley Fell, Teesdale	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall Common, Yorks.	1886 ...	,, ...	,,
Braemar	1831 ...	R. K. Greville ...	Walker
Bramham Park, Yorks.	1849 ...	M. Birkbeck ...	S. Hailstone
Harrogate, Yorks.	1820 ...	Dr. Murray ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1310. Scirpus cæspitosus, Linn.			
Moors, etc.			
Distrib. Europe, N. America.			
Sp. Eccleshill, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Hull ,, ...	1841 ...	J. Kitching ...	,,
Giggleswick ,, ...	1840 ...	S. Hailstone ...	,,
Strensall ,, ...	1810 ...	W. Middleton ...	W. Middleton
Ripon ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Askham Bogs ,, ...	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
1311. Scirpus nanus, Spreng.			
Sea shores, Hampshire, Devon, Dorset.			
Distrib. Europe (excluding Spain and Turkey).			
Sp. Poole, Dorset...	1885 ...	H. Fisher ...	H. J. Wilkinson
1312. Scirpus fluitans, Linn.			
Boggy places.			
Distrib. Europe, The Azores.			
Sp. Dringhouses, near York	1806 ...	S. Hailstone ...	S. Hailstone
Stockton Common ,, ...	1810 ...	W. Middleton ...	W. Middleton
Ripon ,, ...	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Strensall Common ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
1313. Scirpus Savii, Schultes.			
Spongy bogs from Isla southwards.			
Distrib. S. Europe, N. Africa.			
Sp. Ayr	1836 ...	Dr. Wood ...	S. Hailstone
,, ...	1838 ...	A. D. Maclagan ...	,,
1314. Scirpus setaceus, Linn.			
Sandy wet places.			
Distrib. Europe, N. Africa.			
Sp. Strensall, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Langwith ,, ...	1892 ...	,, ...	,,
Riccall ,, ...	1892 ...	,, ...	,,
Hebden Bridge, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Ripon ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Stockton Common ,, ...	1810 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1315. Scirpus Holoschœnus, B. & S.			
Sea coast, N. Devon.			
Distrib. S. Europe, N. Africa, Siberia.			
Sp. Braunton Burrows, Devon	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Weston	1800 ...	Relhan	,,
Braunton Burrows, Devon	1830 ...	Borrer	,,
1316. Scirpus lacustris, Linn.			
Marshes and ditches.			
Distrib. Europe, N. Africa. N. Asia, N. India, N. America.			
Sp. River Foss, at York	1810 ...	W. Middleton ...	W. Middleton
Eshton, Yorks.	1805 ...	S. Hailstone ...	S. Hailstone
Ripon ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
1317. Scirpus Tabernæmontani, Gmel.			
Wet places, usually near sea, from Forfar and Isla southwards.			
Distrib. Europe.			
Sp. Coatham, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
Syke House, Hartlepool, Durham ...	1820 ...	J. Backhouse ...	,,
1319. Scirpus triqueter, Linn.			
Tidal river margins, Southern Counties			
Distrib. Europe.			
Sp. Banks of River Thames, Surrey ...	(1820) ...	Sir J. E. Smith ...	Rev. J. Dalton
Mortlake. Surrey	1880 ...	A. Bennett ...	H. J. Wilkinson
1320. Scirpus maritimus, Linn.			
Salt marshes from Ross and Skye southwards.			
Distrib. Europe, N. Africa, N.W. India, N. America.			
Sp. Blackpool, Lancs.	1800 ...	S. Hailstone ...	S. Hailstone
Coatham, Yorks.	1799 ...	,, ...	,,
Shorne, Kent...	1800 ...	W. Middleton ...	W. Middleton
Hornsea, Yorks.	1790 ...	R. Teesdale ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1321. Scirpus sylvaticus, Linn.			
Moist positions from Argyle and Banff southwards.			
Distrib. Europe. N. America.			
Sp. Richmond, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Shipley ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
Bradford ,, ...	1843 ...	,, ...	,,
Copgrove ,, ...	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton
Newby ,, ...	1802 ...	,, ...	,,
Clifton Ings ,, ...	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
Bilton Woods, near Knaresboro', Yorks.	1883 ...	,, ...	,,
1322. Blysmus compressus, Panz.			
Scirpus compressus, Pers.			
Marshes from Ayr and Haddington southwards.			
Distrib. Europe (excluding Spain, Greece, and Turkey).			
Sp. Welburn Moor, Yorks.	1790 ...	Teesdale ...	Rev. J. Dalton
Knaresboro' ,, ...	1802 ...	Rev. J. Dalton ...	,,
Teesdale	1820 ...	,, ...	,,
Hartlepool, Durham	1810 ...	W. Middleton ...	W. Middleton
Widdy Bank, Teesdale, Durham ...	1886 ...	H. J. Wilkinson...	H. J. Wilkinson
Coatham, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
1323. Blysmus rufus, Linn.			
Scirpus rufus, Schrad.			
Wet pastures, usually near sea, from Anglesey and Durham northwards.			
Distrib. Europe, Siberia, Himalaya.			
Sp. Newcastle, Northumberland	1800 ...	Robson	S. Hailstone
Anglesea	1800 ...	Rev. H. Davies ...	Rev. J. Dalton
Hartlepool, Durham	1810 ...	Rev. J. Dalton ...	,,
St. Anne's, Lancs.	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
1324. Eriophorum alpinum, Linn.			
Alpine bogs, Sutherland. (Forfar now extinct).			
Distrib. Europe, N. Asia, N. America.			
Sp. Moss of Restenet, Forfar	(1800)...	W. J. Hooker ...	S. Hailstone
,, ,, ,, ...	(1790)...	Teesdale ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1325. Eriophorum vaginatum, Linn.			
Boggy moors.			
Distrib. Europe (excluding Turkey), W. Asia, N.W. Tibet, N. America.			
Sp. Strensall, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ingleboro' ,, ...	1810 ...	S. Hailstone ...	S. Hailstone
Teesdale	1842 ...	M. Birkbeck ...	,,
Leckby Carr, Yorks	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Tanfield Carr ,, ...	1802 ...	,, ...	,,
Pickering Moors ,, ...	1820 ...	,, ...	,,
1326. Eriophorum angustifolium, Roth.			
Bogs, Shetland to Cornwall.			
Distrib. Europe (excluding Turkey), W. Asia, N.W. Tibet, N. America.			
Sp. Beverley, Yorks.	1790 ...	Teesdale ...	Rev. J. Dalton
Malham ,, ...	1801 ...	Hustler	S. Hailstone
Strensall ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ripon ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Inverary	1801 ...	S. Hailstone ...	S. Hailstone
Craig Chailloch	1828 ...	,, ..	,,
1328. Eriophorum latifolium, Hoppe.			
Spongy bogs in England, rare in Ireland.			
Distrib. Europe.			
Sp. Tarnfield, Settle, Yorks.	(1840) ...	Gibson	S. Hailstone
1329. Eriophorum gracile, Koch.			
Bogs, Yorks., Surrey, Hants.			
Distrib. Europe, Siberia, N. America.			
Sp. No locality	(1820) ...	W. Middleton ...	W. Middleton
1330. Rynchospora fusca, R. & S.			
Bogs in Dorset, Somerset, and Glamorgan, S.W. Ireland.			
Distrib. N. Europe, N.E. America.			
Sp. Lough Corrib, Galway	1841 ...	S. Hailstone ...	S. Hailstone
Swansea, Glamorgan...	1805 ...	Rev. J. Dalton ...	Rev. J. Dalton
Wareham, Dorset	1885 ...	H. Fisher ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.

1331. Rynchospora alba, Vahl.

Boggy ground.

Distrib. Mid. and N. Europe, Siberia, N. America.

Sp. Terrington Carr, Yorks.	1796 ...	Teesdale ...	Rev. J. Dalton
Leckby Carr ,, ...	1822 ...	S. Hailstone ...	S. Hailstone
Borrowdale	1804 ...	,, ...	,,
Ben Lawers	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Leckby Carr, Yorks....	1820 ...	,, ...	,,
,, ,, ,, ...	1810 ...	W. Middleton ...	W. Middleton
Strensall ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1332. Schœnus nigricans, Linn.

Bogs and wet moors.

Distrib. Europe, N. Africa, Siberia.

Sp. Staveley, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley ,, ...	1809 ...	W. Middleton ...	W. Middleton
,, ,, (Beckdale)	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1333. Cladium Mariscus, Br.

Bogs and marshes, rarer in Scotland, Ireland.

Distrib. Europe, N. Africa, Siberia.

Sp. Hell Kettles, near Darlington ...	1820 ...	Backhouse ...	S. Hailstone
Askham Bog, York	1844 ...	C. H. Moore ...	O. A. Moore
Isle of Ely	1800 ...	Relhan	Rev. J. Dalton
Newby, near Borobridge, Yorks. ...	(1800) ...	Rev. J. Dalton ...	,,
Terrington Carr, Yorks.	1790 ...	R. Teesdale ...	,,

1334. Kobresia caricina, Willd.

Mountain moors, Yorks., Durham and Perth.

Distrib. Europe (South and Central), Greenland, Rocky Mountains.

Sp. Teesdale	1840 ...	H. Baines ...	W. Walker
,, ...	1824 ...	W. Brunton ...	S. Hailstone
,, ...	1844 ...	J. Backhouse, jr...	Walker
Cronkley Fell, Yorks.	1885 ...	H. J. Wilkinson ...	H. J. Wilkinson
Widdy Bank, Durham	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
No locality	(1800) ...	Rev. J. Harriman	,,

	DATE.	COLLECTOR.	HERBARIUM.

1335. Carex dioica, Linn.

Bogs and moorlands from Dorset and Sussex northwards, Ireland.

Distrib. Europe, Siberia, N. America.

Sp. Ripon, Yorks.	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Copgrove ,, ...	1802 ...	,, ...	,,
Beverley ,, ...	1790 ...	R. Teesdale ...	,,
Stockton Common, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Terrington Carr ,, ...	1843 ...	H. Ibbotson ...	Walker
Skipwith, Yorks.	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
Strensall ,, ...	1883 ...	,, ...	,,
Askham Bog ,, ...	1892 ...	,, ...	,,
Manningham ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
Hawksworth Moor, Yorks.	1844 ...	,, ...	,,
Heslington Fields ,, ...	1842 ...	O. A. Moore ...	O. A. Moore

1336. Carex Davalliana, Sm.

Bogs.

Distrib. Europe, W. & S.

Sp. Bath, Somerset	(1790)...	(Sir) J. E. Smith	Rev. J. Dalton

1337. Carex pulicaris, Linn.

Bogs and moors, etc.

Distrib. Europe, N. Asia.

Sp. Stockton Common, Yorks.	1843 ...	O. A. Moore ...	O. A. Moore
Skipwith ,, ,, ...	1885 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall ,, ,, ...	1892 ...	,, ...	,,
Eccleshill Moors ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
Stockton Common ,, ...	1810 ...	W. Middleton ...	W. Middleton
Terrington Carr ,, ...	1790 ...	R. Teesdale ...	Rev. J. Dalton
Ripon, Yorks.	1806 ...	Rev. J. Dalton ...	,,

1338. Carex rupestris, All.

Wet Alpine rocks, Perth, Forfar, Aberdeen, and Sutherland.

Distrib. N. & Mid. Europe, N. Asia, N. America.

Sp. Glen Callater...	1849 ...	J. Backhouse, jr...	Walker
,, ,, ...	1842 ...	J. H. Balfour ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1339. Carex pauciflora, Lightf.			
Moorland bogs from York and Dumfries to Sutherland.			
Distrib. Europe, N. America.			
Sp. Near Lilla Cross, N.E. Yorks.	1807	W. Middleton	W. Middleton
Near Carlisle, Cumberland	(1800)	R. Teesdale	,,
Scotland	1820	Rev. J. Dalton	Rev. J. Dalton
Lochnagar	1837	Ainley	S. Hailstone
1340. Carex incurva, Lightf.			
East Coast, from Holy Island northwards.			
Distrib. Europe, N. W. India, N. America.			
Sp. Aberdeen	1809	Rev. J. Dalton	Rev. J. Dalton
Forfar	1810	W. Middleton	W. Middleton
Moray	1846	Jno. Tatham	S. Hailstone
Aberdeen	1842	J. H. Balfour	,,
1341. Carex divisa, Huds.			
Marshes by the sea, York, N. Wales, southwards.			
Distrib. S. Europe, N. & S. Africa, N. W. India.			
Sp. Yarmouth, Norfolk	1843	Geo. Fitt	S. Hailstone
Near Hull, Yorks.	1790	R. Teesdale	Rev. J. Dalton
Sandwich, Kent.	1800	Sir J. E. Smith	,,
Yarmouth, Norfolk	1806	Rev. J. Dalton	,,
Norfolk	1820	S. Hailstone	S. Hailstone
1342. Carex disticha, Huds.			
Wet places.			
Distrib. Europe, Siberia, N. America.			
Sp. Selby, Yorks.	1806	S. Hailstone	S. Hailstone
Near Bradford, Yorks.	1845	M. Birkbeck	,,
Ripon, Yorks.	1803	Rev. J. Dalton	Rev. J. Dalton
Askham Bogs, Yorks.	1807	W. Middleton	W. Middleton
Mill Crux, York	1842	O. A. Moore	O. A. Moore
Heslington Fields, York	1842	,,	,,

	DATE.	COLLECTOR.	HERBARIUM.

1343. Carex arenaria, Linn.

Sandy sea shores.

Distrib. Europe, Siberia.

Sp. Redcar, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Sandwich, Kent	1807 ...	W. Middleton ...	W. Middleton
Aberdeen	1810 ...	,, ...	,,
Coatham, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Redcar, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Hornsea, Yorks.	1796 ...	R. Teesdale ...	Rev. J. Dalton
Near Hull, Yorks.	1796 ...	,, ...	,,

1344. Carex teretiuscula, Good.

Bogs from Lanark and Moray to Devon and Kent.

Distrib. Europe (excluding Turkey), Canaries, Himalaya, N. America, New Zealand.

Sp. Terrington Carr, Yorks.	1843 ...	H. Ibbotson ...	H. J. Wilkinson
Copgrove ,, ...	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Beverley ,, ...	1790 ...	R. Teesdale ...	,,
Near Bradford ,, ...	1842 ...	S. Hailstone ...	S. Hailstone
Near Manchester, Lancs. ... ... (*pseudo-paradoxa*, Gibs.)	1840 ...	Jos. Sidebottom ...	,,

1345. Carex paradoxa, Willd.

Bogs, rare, Yorks., Norfolk, Ireland, etc.

Distrib. Europe, Siberia.

Sp. Heslington Fields, York	1843 ...	Richd. Spruce ...	O. A. Moore
Askham Bogs, Yorks.	1843 ...	Hy. Baines ...	,,
,, ,, ...	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Mullingar, Ireland	1843 ...	D. Moore ...	S. Hailstone
Heslington Fields, York	1844 ...	Richd. Spruce ...	,,
The Pulfin, river Hull, Yorks. ...	1896 ...	J. F. Robinson ...	J. F. Robinson

1346. Carex paniculata, Linn.

Wet places.

Distrib. Europe, W. Siberia, Canaries.

Sp. Hackfall, Yorks.	1807 ..	Rev. J. Dalton ...	Rev. J. Dalton
Castle Howard, Yorks.	1807 ...	W. Middleton ...	W. Middleton
In a bog in front of Kirkstall Abbey, Yorks.	1894 ...	S. Hailstone ...	S. Hailstone
Ripon ,, ...	1807 ...	Rev. J. Dalton ...	Rev. J .Dalton
Hastings, Sussex	1834 ...	S. Hailstone ...	S. Hailstone
Beckdale, Helmsley	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Oxton Bogs, Notts.	1892 ...	,, ...	,,
Acomb, York	1841 ...	O. A. Moore ...	O. A. Moore

	DATE.	COLLECTOR.	HERBARIUM.
1347. Carex vulpina, Linn.			
Marshy ground.			
Distrib. Europe, N. Africa, Siberia, N. America.			
Sp. Yearsley Bridge, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ripon, Yorks.	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Iona Island	1809 ...	,, ...	,,
Stockton Common, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Coatham, Yorks. ... ... (sub. nom. *Scirpus triqueter*)	1800 ...	S. Hailstone ...	S. Hailstone
1348. Carex muricata, Linn.			
Marshes, etc., from Elgin and Dumbarton southwards.			
Distrib. Europe, N. Africa, N. Asia, N. America.			
Sp. Castle Howard, Yorks. (Cramb Beck)	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Dumfries	1849 ...	P. Gray	S. Hailstone
Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1349. Carex divulsa, Good.			
Wet places from York and Denbigh southwards.			
Distrib. Europe, N. Africa, N. Asia, N. America.			
Sp. Ripon, Yorks.	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Shipley ,, ...	1844 ...	S. Hailstone ...	S. Hailstone
Castle Howard, Yorks.	1838 ...	Hy. Ibbotson ...	H. J. Wilkinson
1350. Carex stellulata, Good.			
Moors and bogs, north to Shetland.			
Distrib. N. Europe, N. Africa, W. Asia, N. America.			
Sp. Ripon, Yorks.	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Askham Bogs, Yorks.	1807 ...	,, ...	,,
Bradford Moors ,, ...	1841 ...	M. Birkbeck ...	S. Hailstone
Castle Howard ,, ...	1807 ...	W. Middleton ...	W. Middleton
Strensall ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.

1351. Carex remota, L.

Shady places from Argyle and Ross southwards.

Distrib. Europe, N. Africa, N. Asia, Himalaya, N. America.

Sp. Hob Moor, York	1842 ...	O. A. Moore ...	O. A. Moore
Shipley, Yorks.	1844 ...	M. Birkbeck ...	S. Hailstone
Dumfries	1839 ...	Cruickshanks ...	,,
Castle Howard, Yorks.	1800 ..	Rev. J. Dalton ...	Rev. J. Dalton

1352. Carex axillaris, Good.

Damp places from York and Lancaster to Kent and Devon.

Distrib. Belgium, Germany, France.

Sp. Hob Moor, York	1842 ...	H. Baines ...	S. Hailstone
Ripon Yorks.	1803 ...	W. Brunton ...	,,
Copgrove ,, ...	(1802) ...	Rev. J. Dalton ...	Rev. J. Dalton
Hob Moor, York	1842 ...	O. A. Moore ...	O. A. Moore
Beverley, Yorks.	1790 ...	A. Teesdale ...	Rev. J. Dalton

1353. Carex Boenninghausiana, Weihe.

Wet copses, etc., from Aberdeen and Banff to Kent and Sussex.

Distrib. N. W. Europe.

Sp. Near Hastings, Sussex	1834 ...	S. Hailstone ...	S. Hailstone
Esher, Surrey	1838 ...	H. C. Watson ...	,,

1354. Carex elongata, Linn.

Wet meadows, etc.

Distrib. Europe, Siberia, N. America

Sp. Near Manchester, Lancs.	1840 ...	S. Gibson ...	S. Hailstone
Rotherham, Yorks.	1803 ...	Salt	,,
Langwith ,, ...	1850 ...	O. A. Moore ...	O. A. Moore
Near Manchester, Lancs.	1844 ...	Leo H. Grindon ...	,,

1355. Carex lagopina, Wahl.

Alpine bogs in Aberdeenshire.

Distrib. Europe, N. Asia, N. America.

Sp. Lochnagar, Aberdeenshire	1849 ...	J. Backhouse, jr...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.

1356. Carex brizoides, Linn.

Probably not native in Great Britain.

Distrib. Europe.

Sp. Studley Wood, near Ripon, Yorks. ...	1844 ...	McIvor	S. Hailstone

1357. Carex curta, Good.

Bogs and marshes from Isla and Elgin southwards.

Distrib. Europe (excluding Spain and Turkey), N. Asia, N. America, S. Chili.

Sp. Hutton Moor, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Leckby Carr ,, ...	1807 ...	,, ...	,,
Cottingley Moors ,, ...	1842 ...	S. Hailstone ...	S. Hailstone
Shipley Moors ,, ...	1845 ...	M. Birkbeck ...	,,
Birley Moors ,, ...	1844 ...	S. Hailstone ...	,,
Stittenham Wood ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1358. Carex alpicola, Wahl.

Distrib. N. Europe.

Sp. Clova	1849 ...	J. Backhouse ...	S. Hailstone

1359. Carex ovalis, Good.

Wet ground.

Distrib. Europe, Siberia, W. Asia, Greenland, Rocky Mountains.

Sp. Horton, near Bradford, Yorks. ...	1840 ...	S. Hailstone ...	S. Hailstone
Near Manchester, Lancs.	1841 ...	Leo H. Grindon ...	,,
Terrington, Yorks.	1790 ...	Teesdale ...	Rev. J. Dalton
Ripon ,, ...	1802 ...	Rev. J. Dalton ...	,,
Strensall ,, ...	1800 ...	W. Middleton ...	W. Middleton
Askham Bogs ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1360. Carex alpina, Swartz.

Rocky ledges on Scottish mountains of Aberdeen and Forfar.

Distrib. Europe, N. Asia, Himalaya, N. America.

Sp. Glen Callater, Aberdeenshire ...	1844 ...	H. C. Watson ...	S. Hailstone
Forfar	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Glen Fee, Forfarshire	1848 ...	Hugh M. Balfour	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1361. Carex atrata, Linn.			
Alpine rocks in N. Wales & Scotland.			
Distrib. Europe, N. Asia, Himalaya, N. America.			
Sp. Glen Isla	1837 ...	J. H. Balfour ...	S. Hailstone
Braemar	1842 ...	,, ...	,,
,, ...	1809 ...	Hooker	Rev. J. Dalton
Scotland	1807 ...	W. Middleton ...	W. Middleton
Glen Isla	1807 ...	Sir J. E. Smith ...	Rev. J. Dalton
1362. Carex Buxbaumii, Wahl.			
Banks of islands in Lough Neagh, Ireland.			
Distrib. Europe, N. Asia, N. America, Australia.			
Sp. Lough Neagh, Antrim	1849 ...	Dr. Mateer ...	S. Hailstone
1362a. Carex ustulata, Wahl.			
Sp. From Ben Lawers, Perthshire ...	1915 ...	D. A. Haggart ...	A. Templeman
1363. Carex stricta, Good.			
Wet places, Durham and Westmorland to Kent and Dorset, Ireland.			
Distrib. Europe, N. Africa.			
Sp. Bomere Pool, Shrops.	1840 ...	Leighton ...	O. A. Moore
Near York	1806 ...	S. Hailstone ...	S. Hailstone
Strensall Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Askham Bogs ,, ...	1810 ...	W. Middleton ...	W. Middleton
Sharow, near Ripon	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Heslington Fields, York	1843 ...	O. A. Moore ...	O. A. Moore
1364. Carex acuta, Linn.			
Wet places from Argyle and Moray southwards.			
Distrib. Europe, N. and W. Asia, N. America.			
Sp. Yearsley Bridge, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Near Ripon, Yorks.	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
1364a. Carex kattegatensis, Fries.			
Sp. From Wick River, Caithness ...	1897 ...	Mr. & Miss Grant	A. Bennett

	DATE.	COLLECTOR.	HERBARIUM.

1365. Carex rigida, Good.

Stony Alpine pastures, N. Wales and Yorkshire northwards.

Distrib. Europe, N. Asia, Himalaya, N. America.

Sp. Clova	1842 ...	J. H. Balfour ...	S. Hailstone
Ben Lomond	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ingleboro', Yorks.	1797 ...	,, ...	,,
Carnedd, Llewellyn, Caern.	1884 ...	H. Fisher ...	H. J. Wilkinson

1366. Carex aquatilis, Wahl.

Bogs, etc., in Lanark, Fife, Forfar. and Aberdeen.

Distrib. N. Europe, Greenland, N. America.

Sp. Glen Callater	1849 ...	J. Backhouse, jr...	Walker
Clova, Forfar	1837 ...	J. H. Balfour ...	S. Hailstone
Braemar	(1840) ...	A. Croal ...	,,

1367. Carex vulgaris, Fries.

Wet meadows.

Distrib. Europe, N. America.

Sp. Clifton Ings, York	1842 ...	O. A. Moore ...	O. A. Moore
Near York	1820 ...	S. Hailstone ...	S. Hailstone
Ripon, Yorks.	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Stockton ,, ...	1807 ...	W. Middleton ...	W. Middleton
Strensall ,, ...	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson

1368. Carex glauca, Murr.

Damp pastures, etc.

Distrib. Europe, N. Africa, Siberia.

Sp. Helks Wood, Ingleton, Yorks. ...	1893 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ripon, Yorks.	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Shipley ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
Stockton Common, Yorks.	1809 ...	W. Middleton ...	W. Middleton

1369. Carex irrigua, Hoppe.

Peat bogs in Scotland.

Distrib. Europe.

Sp. Near Haydon Bridge, Northumberland	1846 ...	Jno. Thompson ...	S. Hailstone
Tereagles, Kirkcudbright	1840 ...	Cruickshanks ...	,,
Near Haydon Bridge, Northumberland	(1820) ...	W. Borrer ...	Rev. J. Dalton

1370. Carex limosa, Linn.

Spongy bogs from Skye and Sutherland to Hants. and Dorset.

Distrib. Europe (excluding Turkey), Siberia, W. Asia, N. America.

		DATE.	COLLECTOR.	HERBARIUM.
Sp.	Suett Carr, near Strensall, Yorks.	1850	Hy. Ibbotson	H. J. Wilkinson
	,, ,, ,,	1883	H. J. Wilkinson	,,
	Tanfield, Ripon, Yorks.	1802	Rev. J. Dalton	Rev. J. Dalton
	Leckby Carr ,,	1806	,,	,,
	,, ,,	1807	W. Middleton	W. Middleton
	Tanfield, Ripon ,,	1824	W. Brunton	S. Hailstone

1371. Carex rariflora, Sm.

Alpine bogs, Forfar, Aberdeen, Banff, and Moray.

Distrib. N. Europe, N. America.

Sp.	Canlochen Glen	1848	J. Backhouse, jr.	S. Hailstone
	Glen Dole	1809	Rev. J. Dalton	Rev. J. Dalton
	,,	1832	J. Howson	S. Hailstone
	Clova, Forfar	1832	R. K. Greville	Walker
	,, ,,	1807	W. Middleton	W. Middleton
	,, ,,	1839	J. H. Balfour	O. A. Moore

1372. Carex digitata, Linn.

Copses on Limestone, Yorks., Notts., Hereford, Glos., Somerset, etc.

Distrib. Europe, Siberia.

Sp.	Roche Abbey, Yorks.	1846	Rev. E. E. Smith	S. Hailstone
	Thorp Arch ,,	1842 & 1843	Richd. Spruce	,,
	Mackershaw Woods, Ripon	1804	W. Brunton	,,
	Thorp Arch, Yorks.	1832	S. Hailstone	,,
	Mackershaw Woods, Ripon	(1800)	Rev. J. Dalton	Rev. J. Dalton
	Helmsley, Yorks.	1883	H. J. Wilkinson	H. J. Wilkinson
	St. Vincent's Rocks, Bristol, Glos.	1883	H. Fisher	,,
	Mackershaw Wood, Ripon	1806	W. Middleton	W. Middleton

1372a. Carex ornithopoda, Willd.

Sp.	Cresshut Dale, Derbyshire	1874	T. Rogers	A. Bennett

	DATE.	COLLECTOR.	HERBARIUM.
1373. Carex clandestina, Good.			
Dry hills, Hereford, Glos., Wilts., Dorset and Somerset.			
Distrib. Europe, Siberia.			
Sp. St. Vincent's Rocks, Bristol, Glos. ...	1790 ...	Sole	Rev. J. Dalton
,, ,, ,, ,, ...	1841 ...	O. A. Moore ...	O. A. Moore
,, ,, ,, ,, ...	1842 ...	,, ...	,,
,, ,, ,, ,, ...	1884 ...	H. Fisher ...	H. J. Wilkinson
,, ,, ,, ,, ..	1840 ...	S. Hailstone ...	S. Hailstone
1374. Carex montana, Linn.			
Heaths, etc., Worcester, Hereford, Monmouth, Glos., and Sussex.			
Distrib. Europe, W. Siberia.			
Sp. Tunbridge Wells, Kent	(1830) ...	W. Borrer ...	S. Hailstone
1375. Carex pilulifera, Linn.			
Damp moors, heaths, etc.			
Distrib. Europe, W. Asia, N. America.			
Sp. Castle Howard, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ben Lomond	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Castle Howard, Yorks.	1807 ...	W. Middleton ...	W. Middleton
Hawksworth Moor, nr. Bradford, Yorks.	1844 ...	S. Hailstone ...	S. Hailstone
Malham Tarn, Yorks.	1807 ...	,, ...	,,
Knab Wood, Bingley, Yorks.... ...	1842 ...	,, ...	,,
1376. Carex præcox, Jacq.			
Moors and heaths.			
Distrib. Europe, N. Asia, introduced N. America.			
Sp. Poppleton Lane, near York	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
Ripon Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Poppleton ,, ...	1807 ...	W. Middleton ...	W. Middleton
Bradford ,, ...	1840 ...	S. Hailstone ...	S. Hailstone
1377. Carex tomentosa, Linn.			
Wet meadows, Wiltshire.			
Distrib. Europe.			
Sp. Merston Measey, Wilts.	1798 ...	R. Teesdale ...	Rev. J. Dalton
,, ,, ,, ...	1849 ...	Dr. Withers ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.

1378. Carex pallescens, Linn.

Wet meadows, etc.

Distrib. Europe (excluding Spain), N. America.

Sp. Mackershaw Wood, Ripon	1842 ...	O. A. Moore ...	O. A. Moore
Near Manchester, Lancs.	1842 ...	Leo H. Grindon...	,,
Shipley, Yorks.	1844 ...	M. Birkbeck ...	S. Hailstone
Thorp Arch ,, ...	(1840) ...	S. Davies ...	,,
Castle Howard, Yorks.	1810 ...	W. Middleton ...	W. Middleton
Studley, nr. Ripon ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Askham Bog ,, ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson

1379. Carex panicea, Linn.

Wet meadows, etc.

Distrib. Europe, N. Asia, N. America.

Sp. Near Ripon, Yorks.	1805 . .	Rev. J. Dalton ...	Rev. J. Dalton
Bradford Moor ,, ...	1841 ...	S. Hailstone ...	S. Hailstone
Gilstead ,, ...	1841 ...	,, ...	,,
Stockton, near York....	1810 ...	W. Middleton ...	W. Middleton

1380. Carex vaginata, Tausch.

Rocky ledges of Scottish mountains.

Distrib. Europe, N. Russia, N. Ameria.

Sp. Clova, Aberdeenshire	1836 ...	J. H. Balfour ...	S. Hailstone

1381. Carex capillaris, Linn.

Grassy Alpine banks.

Distrib. Europe, N. Asia, N. America.

Sp. Ben Lawers	1810 ...	W. Middleton ...	W. Middleton
Clova	1842 ...	J. H. Balfour ...	O. A. Moore
Glen Dole, Forfar	1840 ...	Dr. Greville ...	,,
Widdy Bank, Teesdale	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, ...	1842 ...	S. Hailstone ...	S. Hailstone
Ben Lawers	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton

1382. Carex pendula, Huds.

Damp woods, Lanark and Elgin southwards.

Distrib. Europe, N. Africa.

Sp. Forge Valley, Scarboro'	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
Near Redcar, Yorks....	1822 ...	S. Hailstone ...	S. Hailstone
Hastings, Sussex	1834 ...	,, ...	,,
Hackfall, Ripon, Yorks.	1804 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1383. Carex strigosa, Huds.			
Woods and copses from York and Chester to Kent and Dorset, Ireland.			
Distrib. Europe (excluding Spain, Turkey and Greece), N. Africa, W. Asia.			
Sp. Helks Wood, Ingleton, Yorks. ...	1844 ...	O. A. Moore ...	O. A. Moore
Ripon (Studley), Yorks.	1807 ...	W. Middleton ...	W. Middleton
Cottrell Clough, Cheshire	1840 ...	S. Gibson ...	S. Hailstone
Reddish, Lancs.	1840 ...	Leo H. Grindon...	O. A. Moore
Hackfall, Ripon, Yorks.	1802 ...	W. Brunton ...	S. Hailstone
,, ,, ...	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton
1384. Carex depauperata, Good.			
Dry woods, Surrey, Somerset, & Kent.			
Distrib. Europe, N. Asia.			
Sp. Godalming, Surrey	1844 ...	J. D. Salmon ...	S. Hailstone
,, ,, ...	1807 ...	W. Middleton ...	W. Middleton
,, ,, ...	1804 ...	Dickson	Rev. J. Dalton
1385. Carex sylvatica, Huds.			
Damp woods.			
Distrib. Europe, N. Asia.			
Sp. Shipley Glen, Yorks....	1830 ...	S. Hailstone ...	S. Hailstone
Studley ,, ...	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Castle Howard ,, ...	1807 ...	W. Middleton ...	W. Middleton
1386. Carex lævigata, Sm.			
Marshy ground.			
Distrib. Europe, N. Africa, N. America.			
Sp. Dallow Gill, near Ripon, Yorks. ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ,, ...	1802 ...	W. Brunton ...	S. Hailstone
Luddenden, Yorks.	1844 ...	S. King	O. A. Moore
Roslin Woods ,, ...	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
1387. Carex binervis, Sm.			
Damp moors, etc.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Clifton Ings, York	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Riccall, Yorks.	1883 ...	,, ...	,,
Near Ripon, Yorks.	1802 ...	W. Brunton ...	S. Hailstone
Stockton Forest, Yorks.	1807 ...	W. Middleton ...	W. Middleton
Hawksworth Moor ,, ...	1845 ...	M. Birkbeck ...	S. Hailstone
Ripon, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.

1388. Carex distans, Linn.

Brackish marshes.

Distrib. Europe. N. Africa, N. America.

Sp. Leckby Carr, Yorks.	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Seaton Carew	(1820) ...	Backhouse ...	S. Hailstone
Clifton Ings, York	1842 ...	O. A. Moore ...	O. A. Moore
Skegness, Lincs.	1892 ...	H. Fisher ...	H. J. Wilkinson
Withernsea, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson

1389. Carex fulva, Good.

Boggy pastures, etc.

Distrib. Europe, N. America.

Sp. Askham Bogs, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Slingsby Moor ,, ...	1845 ...	Hy. Ibbotson ...	,,
Settle ,, ...	1841 ...	S. Gibson ...	S. Hailstone
Hebden Bridge ,, ...	1841 ...	,, ...	,,
Hawksworth ,, ...	1844 ...	M. Birkbeck ...	,,
Stockton Forest ,, ...	1809 ...	W. Middleton ...	W. Middleton
Terrington Carr ,, ...	1790 ...	R. Teesdale ...	Rev. J. Dalton
Heslington Fields, York	1842 ...	O. A. Moore ...	O. A. Moore
Ripon, Yorks.	1803 ...	W. Brunton ...	S. Hailstone
Ben Nevis	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Dallow Gill, Ripon, Yorks.	1803 ...	,, ...	,,
Hole of Horcum, Pickering	1806 ...	W. Middleton ...	W. Middleton

1390. Carex extensa, Good.

Brackish marshes.

Distrib. Europe, N. Africa, W. Asia, N. & S. America.

Sp. Yarmouth, Norfolk	1843 ...	Geo. Fitt ...	S. Hailstone
Hartlepool, Durham	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton

1391. Carex flava, Linn.

Distrib. Europe, W. Asia to India.

Sp. Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Askham Bogs ,, ...	1883 ...	,, ...	,,
Near Ripon ,, ...	1803 ...	W. Brunton ...	S. Hailstone
Hawksworth, near Bradford, Yorks. ...	1844 ...	,, ...	,,
Teversham Moor, Cambs.	1845 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1392. Carex Œderi, Retz.

Bogs and heaths.

Distrib. As *flava.*

Sp. Near Ripon, Yorks.	1805 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near Manchester, Lancs.	1842 ...	Leo H. Grindon...	O. A. Moore

1393. Carex filiformis, Linn.

Marshy ground.

Distrib. Europe, Siberia, N. America.

Sp. Strensall Common, Yorks.	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
Askham Bogs ,, ...	1886 ...	,, ...	,,
Tanfield Carr, Ripon ,, ...	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton
Leckby Carr, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
,, ,, ...	1841 ...	O. A. Moore ...	O. A. Moore
,, ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ripon ,, ...	1805 ...	W. Brunton ...	S. Hailstone
Leckby Carr ,, ...	1810 ...	W. Middleton ...	W. Middleton
Ripon ,, ...	1802 ...	Rev. J. Dalton ...	Rev. J. Dalton

1394. Carex hirta, Linn.

Damp copses from Cantire and Moray southwards, and Ireland.

Distrib. Europe, N. Africa, Siberia.

Sp. Copgrove, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Beaumaris, Anglesea	1802 ...	,, ...	,,
The Groves, York	1841 ...	O. A. Moore ...	O. A. Moore
Strensall Common, Yorks.	1892 ...	H. J. Wilkinson...	H. J. Wilkinson
Airedale, Yorks.	1844 ...	S. Hailstone ...	S. Hailstone
Ripon ,, ...	1820 ...	,, ...	,,

1395. Carex Pseudo-cyperus, Linn.

Watery places from York & Lancaster southwards to Kent and Devon.

Distrib. Europe, N. & S. Africa, Asia, America, Australia.

Sp. Tarlton Bridge, Lancs.	1820 ...	S. Hailstone ...	S. Hailstone
Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hob Moor, near York	1846 ...	Richd. Spruce ...	Hy. Baines
Askham Bogs ,, ...	1883 ...	H. J. Wilkinson...	H. J. Wilkinson
Clifton Ings ,, ...	1883 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1396. Carex paludosa, Good.			
Wet places from Ross southwards.			
Distrib. Europe, N. Africa, W. Siberia, N. W. India, N. America.			
Sp. Thorp Arch, Yorks.	1830 ...	S. Hailstone ...	S. Hailstone
Kirkstall ,, ...	1830—1840	,, ...	,,
1397. Carex riparia, Curtis.			
River banks, etc. from Banff and Dumbarton, southwards.			
Distrib. Europe, N. Africa, Siberia, N. America, Chile, and Brazil.			
Sp. Askham Bogs, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Rombald's Moor, near Bradford, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
1398. Carex ampullacea, Good.			
Bogs, etc.			
Distrib. Europe, Siberia, Himalaya, N. America.			
Sp. Bottisham Fen, Cambs.	1845 ...	S. Hailstone ...	S. Hailstone
Alderley, Cheshire	1844 ...	Leo H. Grindon...	O. A. Moore
Rombald's Moor, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Stockton, near York	1810 ...	W. Middleton ...	W. Middleton
Askham Bogs, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ripon, Yorks.	1812 ...	Rev. J. Dalton ...	Rev. J. Dalton
1399. Carex vesicaria, Linn.			
Bogs and marshes from Isla and Moray southwards.			
Distrib. Europe, N. Africa, N. & W. Asia, N.W. India, Greenland.			
Sp. Rombald's Moor, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Stockton Forest, near York	1820 ...	W. Middleton ...	W. Middleton
Clifton Ings, York	1842 ...	O. A. Moore ...	O. A. Moore
Malham Tarn, Yorks...	1807 ...	S. Hailstone ...	S. Hailstone
Ripon, Yorks.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Alderley, Cheshire	1844 ...	Leo H. Grindon...	O. A. Moore
Askham Bogs, Yorks.	1892 ..	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.

1400. Carex pulla, Good.

Bogs in Scottish Alps.

Distrib. N. Europe, N. America.

Sp. Glen Tilt, Forfar	1820 ...	S. Hailstone ...	S. Hailstone
Milgudhy, Perth	1829 ...	Dr. Greville ...	,,
,, ,, ...	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ben Lawers	1809 ...	Hooker	,,
,, ...	1809 ...	W. Middleton ...	W. Middleton
,, ...	1841 ...	Wm. Gourlie, jr...	O. A. Moore

GRAMINEÆ.

1401. Panicum sanguinalis, Linn.

Alien.

Distrib. Europe.

Sp. Sunderland Ballast Hills	1780 ...	Robson	Rev. J. Dalton
Bungay, Suffolk	(1830)...	Jno. Tatham, jr....	S. Hailstone

1402. Panicum glabrum, Gaud.

Sandy ground in S. E. Counties, Norfolk to Hampshire. A native or colonist.

Distrib. Most warm countries.

Sp. Hartlepool, Durham	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton

1403. Panicum Crus-galli, Linn.

Naturalised in S. E. England.

Distrib. All Temperate and Tropical regions.

Sp. Battersea Fields	1800 ...	Sir J. E. Smith ...	Rev. J. Dalton

1404. Setaria viridis, Beauv.

Fields, Norfolk, Suffolk and Surrey. A colonist or native.

Distrib. All warm climates.

Sp. Bungay, Suffolk.	1803 ...	Rev. J. Dalton ..	Rev. J. Dalton

1405. Setaria verticillata, Beauv.

Fields, Norfolk, Suffolk & Middlesex.

Distrib. Similar to *S. viridis.*

Sp. Chelsea Gardens	1849 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.

1406. Spartina stricta, Roth.

Maritime marshes, etc.

Distrib. Europe, N. America.

Sp. Oxford	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kent	1810 ...	Hooker	,,
Suffolk	1820 ...	S. Hailstone ...	S. Hailstone
,, (Aldborough)	1806 ...	W. Middleton ...	W. Middleton

1407. Phalaris arundinacea, Linn.

Margins of rivers, lakes, etc.

Distrib. Europe, N. & S.

Sp. Malton, Yorks.	1812 ...	W. Middleton ...	W. Middleton
Clifton Ings ,, ...	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ripon ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near York	1812 ...	W. Middleton ...	W. Middleton

1408. Anthoxanthum odoratum, Linn.

Meadows and roadsides.

Distrib. Europe, N. Africa, Siberia, Greenland, introduced N. America.

Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near York	1806 ...	S. Hailstone ...	S. Hailstone

1409. Alopecurus agrestis, Linn.

Fields and roadsides.

Distrib. Europe, N. Africa, Siberia, introduced N. America.

Sp. Copgrove, Yorks.	1801 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near York	1810 ...	W. Middleton ...	W. Middleton
,, ...	1842 ...	O. A. Moore ...	O. A. Moore

1410. Alopecurus fulvus, Sm.

Meadows and wet places.

Distrib. Europe, Siberia.

Sp. Norwich, Norfolk	1804 ...	Rev. J. Dalton ...	Rev. J. Dalton

1411. Alopecurus geniculatus, Linn.

Wet meadows, etc.

Distrib. Europe, N. Africa, W. Asia, introduced N. America.

Sp. Clifton Ings, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Near York	1810 ...	W. Middleton ...	W. Middleton
Near Ripon	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1412. Alopecurus bulbosus, Linn.			
Salt marshes from York and Chester southwards.			
Distrib. W. Europe to Italy and Transylvania.			
Sp. Seaton	1810 ...	Backhouse ...	S. Hailstone
Southampton, Hants.	1885 ...	H. Fisher ...	H. J. Wilkinson
Yarmouth, Norfolk	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
1413. Alopecurus pratensis, Linn.			
Meadows and roadsides.			
Distrib. Europe, N. Africa, W. Asia to N.W. India, introduced N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Clifton Ings, near York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1414. Alopecurus alpinus, Sm.			
Scottish alps.			
Distrib. Spitzbergen, Siberia, Greenland, N. Russia, America.			
Sp. Lochnager, Aberdeenshire	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Clova, Forfar	1840 ...	Balfour	S. Hailstone
White Water, Angus	(1840) ...	Jno. Howson ...	,,
1416. Milium effusum, Linn.			
Damp woods.			
Distrib. Europe, W. Asia, N. America.			
Sp. Bell Bank Wood, near Bingley, Yorks.	1809 ...	S. Hailstone ...	S. Hailstone
1417. Phleum alpinum, Linn.			
Wet places on Scottish mountains.			
Distrib. Europe, N. & W. Asia, N. America.			
Sp. Ben Lawers	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Clova	1806 ...	,, ...	,,
,, ...	1800 ...	G. Donn ...	S. Hailstone
,, ...	1831 ...	R. K. Greville ...	Walker
,, ...	1810 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.

1418. Phleum pratense, Linn.

Pastures and roadsides.

Distrib. Europe, W. Asia, N. Africa, introduced N. America.

Sp. Ripon, Yorks.	1790	Rev. J. Dalton	Rev. J. Dalton
Clifton Ings, York	1840	O. A. Moore	O. A. Moore
Newmarket, Cambs.	1843	S. Hailstone	S. Hailstone
York	1806	,,	,,

1420. Phleum Boehmeri, Wibel.

Fields in Eastern Counties.

Distrib. Europe, Siberia, Dahuria.

Sp. Cambridgeshire	1810	W. Middleton	W. Middleton
Barrington Hill, Cambs.	(1790)	Relhan	Rev. J. Dalton
Bottisham, Cambs.	1830	S. Hailstone	S. Hailstone

1421. Phleum asperum, Jacq.

Not indigenous.

Distrib. S. Europe.

Sp. Sunderland Ballast Hills, Durham	1780	Robson	Rev. J. Dalton

1422. Phleum arenarium, Linn.

Sandy coasts from Aberdeen southwards.

Distrib. Europe, W. Africa.

Sp. Coatham, Yorks.	1799	S. Hailstone	S. Hailstone
Burnham, Somerset	(1840)	R. Withers	,,
Redcar, Yorks.	1826	Rev. J. Dalton	Rev. J. Dalton
Hartlepool, Durham	1812	W. Middleton	W. Middleton

1423. Chamagrostis minima, Borkh.

Wet sandy places, Anglesey, Jersey, formerly Essex.

Sp. Anglesea	1800	Rev. J. Dalton	Rev. J. Dalton
Lyn Corow, Anglesea	1840	Dr. Wood	S. Hailstone
Jersey	1841	S. Hailstone	,,

	DATE.	COLLECTOR.	HERBARIUM.

1424. Agrostis setacea, Curtis

Dry downs from Glamorgan and Cornwall to Sussex and Hants.

Distrib. W. & S. Europe.

Sp. Cley, Norfolk	(1840) ...	S. Hailstone ...	S. Hailstone

1425. Agrostis canina, Linn.

Heathy moors.

Distrib. Europe, W. Asia, N. and S. America, Australia, New Zealand.

Sp. Acomb, Yorks.	1842 ...	O. A. Moore ...	O. A. Moore
Thames Ditton, Surrey	1843 ...	S. Hailstone ...	S. Hailstone
Strensall, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson

1426. Agrostis alba, Linn.

Pastures, etc.

Distrib. Europe, N. Africa, Siberia, N. America.

Sp. Bridlington, Yorks. (var. *stolonifera*)	1805 ...	W. Middleton ...	W. Middleton
Askham Bogs, near York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Skipwith, Yorks. (var. *gigantea*) ...	1892 ...	,, ...	,,

1427. Agrostis vulgaris, With.

Wet meadows.

Distrib. Europe, N. Africa, Himalaya, N. America.

Sp. Strensall Common, Yorks.	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Skipwith, Yorks.	1892 ...	,, ...	,,
Ripon ,, ...	1800 ...	W. Brunton ...	S. Hailstone
Cleveland ,, ...	1810 ...	,, ...	,,
Harrogate ,, ...	1790 ...	R. Teesdale ...	Rev. J. Dalton

1428. Apera Spica-venti, Beauv.

Sandy fields, East of England.

Distrib. Europe, N. Africa, Siberia.

Sp. Thames Ditton, Surrey	1843 ...	H. C. Watson ...	S. Hailstone
Borobridge, Yorks.	1820 ...	W. Middleton ...	W. Middleton
Alne ,, ...	1790 ...	Arch. Pierson ...	Rev. J. Dalton
Bulmer, near Castle Howard, Yorks...	1780 ...	R. Teesdale ...	,,
Suett Carr, near Strensall ,, ...	1840 ...	O. A. Moore ...	O. A. Moore
Skipwith Common ,, ...	1884 ...	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1429. Polypogon monspeliensis, Desf.			
Damp meadows, S.E. Coast, Norfolk to Hants.			
Distrib. Europe, N. Africa, W. Asia.			
Sp. Torquay, Devon	1804 ...	Rev. J. Dalton ...	Rev. J. Dalton
Essex	1800 ...	Robson ...	S. Hailstone
Woolwich, Kent	1840 ...	G. Rogers ...	,,
Bristol, Glos.	1885 ...	H. Fisher ...	,,
1430. Polypogon littoralis, Sm.			
Muddy salt marshes, Norfolk to Hants.			
Distrib. W. Europe.			
Sp. Woolwich, Kent	1846 ...	G. E. Deanes ...	S. Hailstone
,, ,, ...	1812 ...	W. Middleton ...	W. Middleton
1431. Stipa pennata, Linn.			
An alien, not established.			
Distrib. S. Europe.			
Sp. No locality		Sowerby	S. Hailstone
1432. Calamagrostis epigeios, Roth.			
Damp shady places.			
Distrib. Europe, Asia, Siberia.			
Sp. Rufforth, Yorks.	1870 ...	Hy. Ibbotson ...	H. J. Wilkinson
Moor Monkon ,, ...	1890 ...	H. J. Wilkinson ...	,,
Kiddal Lane, Barwick, Yorks. ...	1820 ...	S. Hailstone ...	S. Hailstone
Gainsboro', Lincs.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thirsk, Yorks.	1800 ...	,, ...	,,
Coneysthorpe, near Malton, Yorks. ...	1810 ...	W. Middleton ...	W. Middleton
1433. Calamagrostis lanceolata, Roth.			
Damp copses, hedges, etc.			
Distrib. Europe, W. Asia, Siberia.			
Sp. Crambe, near Castle Howard ...	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
Askham Bogs, Yorks.	1882 ...	,, ...	,,
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Castle Howard ,, ...	1790 ...	R. Teesdale ...	,,
Askham Bogs ,, ...	1806 ...	S. Hailstone ...	S. Hailstone
Near Ripon ,, ...	1800 ...	W. Brunton ...	,,
Heslington Fields ,, ...	1843 ...	O. A. Moore ...	O. A. Moore

	DATE.	COLLECTOR.	HERBARIUM.

1434. Calamagrostis stricta, Nutt.

Bogs, Delamere Forest, Forfar.

Distrib. N. Europe, Dahuria, N. America

Sp. Forfar	1810 ...	Hooker	Rev. J. Dalton
Lough Neagh (var. *Hookeri*) ...	1847 ...	Dr. Mateer ...	S. Hailstone

1435. Psamma arundinacea, Host.

Sand hills by the sea.

Distrib. Shores of Europe & N. Africa

Sp. Spurn Point, near Hull, Yorks. ...	1844 ...	O. A. Moore ...	O. A. Moore
Tunstall, E. Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Coatham, N.E. ,, ...	1799 ...	S. Hailstone ...	S. Hailstone
Hornsea, E. ,, ...	1796 ...	R. Teesdale ...	Rev. J. Dalton

1436. Lagurus ovatus, Linn.

Sandy ground, Guernsey, naturalized near Saffron Walden.

Distrib. W. & S. Europe, W. Asia, N. Africa.

Sp. Guernsey	1826 ...	S. Hailstone ...	S. Hailstone
,, ...	1802 ...	W. Middleton ...	W. Middleton

1437. Aira caryophyllea, Linn.

Sandy fields.

Distrib. Europe, introduced N. America

Sp. Near Ripon, Yorks.	1805 ...	S. Hailstone ...	S. Hailstone
Strensall Common ,, ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson

1438. Aira præcox, Linn.

Sandy places.

Distrib. Europe, introduced N. America.

Sp. Roseberry Topping, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Near Ripon ,, ...	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Strensall Common ,, ...	1810 ...	W. Middleton ...	W. Middleton
,, ,, ,, ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.

1439. Aira canescens, Linn.

Sandy coasts, Norfolk, Suffolk, Kent, and Channel Islands.

Distrib. Europe, Siberia.

Sp. Yarmouth, Norfolk	1843 ...	J. Backhouse ...	S. Hailstone
,, ,, (south shore) ...	1843 ...	S. Hailstone ...	,,
,, ,, ...	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Suffolk	1803 ...	,, ...	,,
Yarmouth, Norfolk	1800 ...	,, ...	,,

1440. Aira cæspitosa, Linn.

Wet meadows.

Distrib. Europe.

Sp. Clifton Ings, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, ...	1809 ...	W. Middleton ...	W. Middleton

1441. Aira alpina, Linn.

Alpine rocks in Scottish Highlands.

Distrib. N. Europe, Iceland

Sp. Cairngorm	1810 ...	W. J. Hooker ...	Rev. J. Dalton

1442. Aira flexuosa, Linn.

Dry commons and woods.

Distrib. Europe, W. Asia, N. America, Fuegia.

Sp. Hildenley Wood, near Malton, Yorks.	1806 ...	W. Middleton ...	W. Middleton
Ilkley, Yorks.	1810 ...	S. Hailstone ...	S. Hailstone
Pateley Bridge, Yorks.	1885 ...	H. J. Wilkinson ...	H. J. Wilkinson
Scawton Moor, near Helmsley ...	1886 ...	,, ...	,,

1443. Holcus mollis, Linn.

Waste places, woods, etc.

Distrib. Europe (except N. Russia), N. Africa.

Sp. Clifton Ings, York	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson

1444. Holcus lanatus, Linn.

Fields and waste places.

Distrib. Europe, N. Africa, Siberia, introduced N. America.

Sp. Clifton Ings, near York	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1445. Avena pratensis, Linn.			
Moors and dry places.			
Distrib. Europe.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Newmarket, Cambs.	1845 ...	S. Hailstone ...	S. Hailstone
Arran (var. *alpina*)	1809 ...	W. J. Hooker ...	Rev. J. Dalton
1446. Avena pubescens, Linn.			
Dry places.			
Distrib. Europe, Siberia.			
Sp. Malham, Yorks.	1842 ...	M. Birkbeck ...	S. Hailstone
Clifton Ings ,, ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1447. Avena flavescens, Linn.			
Dry pastures and waste ground.			
Distrib. Europe, N. Africa, N. Asia, Himalaya.			
Sp. Clifton Ings, York	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
1448. Avena strigosa, Schreb.			
Cornfields, etc., not native.			
Distrib. Europe, N. Africa, N.W. India			
Sp. Bradford, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
1449. Avena fatua, Linn.			
Cornfields, common.			
Distrib. Europe, N. Africa, etc.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1450. Avena elatior, Linn.			
Fields and hedge sides.			
Distrib. Europe, N. Africa, W. Asia, introduced N. America.			
Sp. Clifton Ings, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, (var. *bulbosum*)	1882 ...	,, ...	,,
1451. Cynodon Dactylon, Pers.			
Sandy shores, Dorset to Cornwall.			
Distrib. Europe, Asia, Africa, introduced N. America.			
Sp. Penzance, Cornwall	1823 ...	Rev. J. Dalton ...	Rev. J. Dalton
Cornwall	1800 ...	Sir J. E. Smith ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1452. Triodia decumbens, Beauv.

Dry commons and pastures.

Distrib. Europe, N. Africa.

Sp. Widdy Bank, Teesdale	1824 ...	S. Hailstone ...	S. Hailstone
Suett Carr, Yorks....	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Terrington Carr ,, ...	1810 ...	W. Middleton ...	W. Middleton

1453. Arundo Phragmites, Linn.

Ponds and ditches.

Distrib. Europe, Asia, Africa, America, Australia.

Sp. Askham Bogs, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
Newby, near Borobridge, Yorks. ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

1454. Sesleria cærulea, Scop.

Mountain pastures, especially limestone

Distrib. Europe.

Sp. Cronkley, Teesdale, Yorks.	1896 ...	H. J. Wilkinson ...	H. J. Wilkinson
Highforce ,, ,, ...	1883 ...	,, ...	,,
Studley ,, ...	1800 ...	W. Brunton ...	W. Brunton
Malham Cove ,, ...	1832 ...	S. Hailstone ...	S. Hailstone
Teesdale	(1820) ...	Rev. J. Dalton ...	Rev. J. Dalton

1455. Cynosurus cristatus, Linn.

Pastures and roadsides.

Distrib. Europe, N. Africa.

Sp. Near Bradford, Yorks. ...	1810—1840	S. Hailstone ...	S. Hailstone
Clifton Ings ,, ...	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
,, ,, ...	1840 ...	O. A. Moore ...	O. A. Moore

1456. Cynosurus echinatus, Linn.

Sandy shores, Channel Islands, introduced on British Coasts.

Distrib. S. Europe, N. Africa, W. Asia.

Sp. Boston Spa, Yorks.	1849 ...	M. Birkbeck ...	S. Hailstone
Guernsey	(1840) ...	F. Lutem ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1457. Koeleria cristata, Pers.

Hilly pastures, etc.

Distrib. Europe, N. Asia, N. Africa, N. & S. America.

Sp. Thorp Arch, Yorks.	1849 ...	M. Birkbeck ...	S. Hailstone
Newmarket, Cambs.	1845 ...	S. Hailstone ...	,,
Ripon, Yorks.	1805 ...	W. Brunton ...	,,
Thorp Arch ,, ...	1845 ...	S. Hailstone ...	,,
St. Vincent's Rocks, Bristol, Glos. ...	1885 ...	H. Fisher ...	H. J. Wilkinson
Coneysthorpe, Yorks...	1840 ...	Richd. Spruce ...	,,
Roulston Scarr, Hambleton Hills, Yorks.	1904 ...	H. J. Wilkinson ...	,,

1458. Molinia cærulea, Moench.

Wet moors.

Distrib. Europe, Siberia, W. Asia, N. Africa.

Sp. Bottisham, Cambs.	1839 ...	S. Hailstone ...	S. Hailstone
Strensall, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Scawton Moors, Helmsley	1886 ...	,, ...	,,
Coneysthorpe, Yorks...	1810 ...	W. Middleton ...	W. Middleton
Clova	1832 ...	R. K. Greville ...	Rev. J. Dalton

1459. Catabrosa aquatica, Beauv.

In and on margins of ponds.

Distrib. Europe, N. Africa, Siberia, Himalaya, N. America.

Sp. Colne, Lancs.	1803 ...	S. Hailstone ...	S. Hailstone
Bradford, Yorks.	1814 ...	,, ...	,,
Ripon ,, ...	1820 ...	,, ...	,,
Redcar ,, (var. *minor*, *Bab.*)	1840 ...	Hy. Ibbotson ...	H. J. Wilkinson

1460. Melica nutans, Linn.

Woods and shady banks.

Distrib. Europe, N. Asia.

Sp. Mackershaw Woods, Ripon, Yorks. ...	1804 ...	W. Brunton ...	S. Hailstone
Thorp Arch Woods ,,	1842 ...	S. Hailstone ...	,,
Mackershaw Woods ,, ,,	(1800) ...	Rev. J. Dalton ...	Rev. J. Dalton
Aysgarth ,,	1892 ...	A. Wilkinson ...	H. J. Wilkinson
Forge Valley, Scarboro' ,,	1892 ...	H. J. Wilkinson ...	,,
Helks Wood, Ingleton	1893 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.

1461. Melica uniflora, Retz.

Woods from Elgin southwards.

Distrib. Europe.

Sp. Crambe, Castle Howard, Yorks. ...	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Thorp Arch, Yorks.	1842 ...	S. Hailstone ...	S. Hailstone
Studley ,, ...	1843 ...	O. A. Moore ...	O. A. Moore
Hawthornden ,, ...	1840 ...	O. A. Moore ...	O. A. Moore

1462. Dactylis glomerata, Linn.

Pastures and waste ground.

Distrib. Europe, N. Africa, Siberia, N. India, introduced N. America.

Sp. Clifton Ings, York	1896 ...	H. J. Wilkinson ...	H. J. Wilkinson

1463. Briza media, Linn.

Meadows and roadsides.

Distrib. Europe, Siberia, W. Asia.

Sp. Knavesmire Wood, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson

1464. Briza minor, Linn.

Fields from Hants to Cornwall, Ireland, Channel Islands.

Distrib. Europe, N. Africa.

Sp. Penzance, Cornwall	1826 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helstone ,, ...	(1830) ...	Dr. Maclagan ...	S. Hailstone

1465. Poa annua, Linn.

Waste places everywhere.

Distrib. Europe, Asia, N. Africa, doubtfully native N. America.

Sp. Clifton Scope, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Copgrove, Yorks.	1793 ...	Rev. J. Dalton ...	Rev. J. Dalton
Horton, near Bradford	1840 ...	S. Hailstone ...	S. Hailstone

1466. Poa bulbosa, Linn.

Sandy shores, S. & E. England.

Distrib. Europe, Asia, Siberia.

Sp. Yarmouth, Norfolk	1846 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1467. Poa alpina, Linn.			
High mountains from York and Westmorland northwards.			
Distrib. Europe, W. Asia, Himalaya, N. America.			
Sp. Snowdon	1808 ...	S. Hailstone ...	S. Hailstone
Ben Lomond	1829 ...	,, ...	,,
Loch Na Gar	1830 ...	R. K. Greville ...	Walker
,, ,, ...	1812 ...	W. Middleton ...	W. Middleton
Ben Lomond	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ben Lawers	1809 ...	W. Middleton ...	W. Middleton
Ben Nevis	(1800) ...	Sir J. E. Smith ...	Rev. J. Dalton
Ben Lawers			
Loch Na Gar (as *P. laxa*)	1809 ...	Rev. J. Dalton ...	Rev. J. Dalton
1469. Poa glauca, Sm.			
Alpine rocks from Wales, Yorkshire, northwards to Argyle.			
Distrib. Europe, N. Asia, Himalaya.			
Sp. Ben Lawers	1810 ...	W. Middleton ...	W. Middleton
Ingleborough, Yorks....	1810 ...	,, ...	,,
1470. Poa nemoralis, Linn.			
Copses and woods from Elgin southwards.			
Distrib. Europe, N. Asia, Himalaya, N. America.			
Sp. Ben Lawers	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Loch Tay	1809 ...	W. Middleton ...	W. Middleton
Specimen from Edinburgh Botanical Society (*P. Cæsia*)			
1471. Poa compressa, Linn.			
Dry banks from Ross southwards.			
Distrib. Europe, N. & W. Asia, doubtful in N. America.			
Sp. Near Ripon, Yorks.	(1800) ...	W. Brunton ...	Rev. J. Dalton
,, ,, ...	1800 ...	Rev. J. Dalton ...	,,
City Wall, York	1806 ...	S. Hailstone ...	S. Hailstone
Roulston Scar, Hambleton Hills ...	1904 ...	H. J. Wilkinson ...	H. J. Wilkinson
Coneysthorpe, near Malton	1810 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1472. Poa pratensis, Linn.			
Meadows and waste ground.			
Distrib. North Temperate and Arctic regions.			
Sp. Clifton Ings, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Withernsea, Yorks. (var. *subcœrulea*)	1892 ...	,, ...	,,
1473. Poa trivialis, Linn.			
Meadows and woods.			
Distrib. Europe, N. Africa, Siberia, introduced N. America.			
Sp. Clifton Ings, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Hambleton Hills, Yorks. ... ... (var. *parviflora*, Parn)	1890 ...	,, ...	,,
1474. Glyceria fluitans, R.Br.			
Watery places, north to Shetland.			
Distrib. Europe, N. Africa, W. Siberia, Himalaya, N. America.			
Sp. Near Ripon, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scawton Moor, near Helmsley ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1476. Glyceria aquatica, Beauv.			
Watery places from Elgin southwards.			
Distrib. Europe, N. Africa, Siberia, Himalaya, N. America.			
Sp. Banks of Foss, York	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Near York	1806 ...	S. Hailstone ...	S. Hailstone
1477. Glyceria maritima, Wahlb.			
Muddy sea coasts.			
Distrib. Europe, N. Africa, Siberia, N. America.			
Sp. Margate, Kent	1807 ...	W. Middleton ...	W. Middleton
Coatham, Yorks.	(1799) ...	S. Hailstone ...	S. Hailstone
Hartlepool, Durham	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1478. Glyceria distans, Wahlb.			
Sandy places, often maritime.			
Distrib. Europe, N. Africa, Siberia, N. America.			
Sp. Margate, Kent	1807 ...	W. Middleton ...	W. Middleton
Hartlepool, Durham	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Redcar, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Thorp Arch ,, ...	1846 ...	,, ...	,,
1479. Glyceria Borreri, Bab.			
Chiefly South Coast, Ireland, near Dublin.			
Distrib. W. Europe.			
Sp. Redcar, Yorks.	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
1480. Glyceria procumbens, Sm.			
Muddy sea shores, S.E. Ireland.			
Distrib. Europe, N. Africa, Siberia, Himalaya, N. America.			
Sp. Redcar, Yorks.	1806 ..	Rev. J. Dalton ...	Rev. J. Dalton
Scarboro' (Old Pier), Yorks....	1800—1812	S. Hailstone ...	S. Hailstone
Bristol, Glos.	1885 ...	H. Fisher ...	H. J. Wilkinson
Redcar, Yorks.	1848 ...	O. A. Moore ...	O. A. Moore
1481. Glyceria rigida, Sm.			
Walls and dry places.			
Distrib. Europe, Canaries.			
Sp. Walls of York	1806 ...	S. Hailstone ...	S. Hailstone
Coatham, Yorks.	1799 ...	,, ...	,,
Roulston Scar, Hambleton Hills ...	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1482. Glyceria loliacea, Wats.			
Sandy shores from Fife southwards, Ireland.			
Distrib. Europe, N. Africa.			
Sp. Marske, near Redcar, Yorks.	1799—1840	S. Hailstone ...	S. Hailstone
,, ,, ,, ...	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Hartlepool, Durham	1806 ...	,, ...	,,
Sussex	1812 ...	W. Middleton ...	W. Middleton

		DATE.	COLLECTOR.	HERBARIUM.
1483. Festuca uniglumis, Soland.				
Sea coasts from Lancaster, southwards.				
Distrib. S. Europe, N. Africa.				
Sp.	Sandwich, Kent	1808 ...	W. Middleton ...	W. Middleton
	Littlehampton, Sussex	1790 ...	Dr. Goodenough...	Rev. J. Dalton
	Portland, Dorset	(1820) ...	Lightfoot ...	,,
1485. Festuca sciuroides, Roth.				
Walls, sandy and gravelly pastures, north to Shetland.				
Distrib. Europe, N. Africa.				
Sp.	Bell Bank Wood, near Bingley, Yorks.	1801 ...	S. Hailstone ...	S. Hailstone
	Near Ripon, Yorks.	1790 ..	Rev. J. Dalton ...	Rev. J. Dalton
	Suett Carr, Strensall, Yorks. ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1486. Festuca ovina, Linn.				
Dry pastures and woods.				
Distrib. Europe, N. Africa, Asia, N. & S. America, Australia, New Zealand.				
Sp.	Thorp Arch, Yorks.	1844 ...	S. Hailstone ...	S. Hailstone
	Chellow Dene, Bradford, Yorks. ...	1846 ...	M. Birkbeck ...	,,
	Strensall Common, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1487. Festuca rubra, Linn.				
Waste ground and pastures.				
Distrib. Europe, N. Africa, Asia, N. & S. America, Australia, New Zealand.				
Sp.	Clifton Ings, York	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
	Whitby, Yorks.	1890 ...	,, ...	,,
	Sandwich, Kent (B)	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
	Coatham, Yorks.	1799 ...	W. Brunton ...	S. Hailstone
1488. Festuca sylvatica, Vill.				
Mountain woods, Banff and Inverness southwards.				
Distrib. Europe.				
Sp.	Hebden Bridge, Yorks.	1840 ...	Gibson	S. Hailstone
	Ben Lawers	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1489. Festuca pratensis, Huds.			
Wet places.			
Distrib. Europe, Siberia, introduced N. America.			
Sp. Near York	1806 ...	S. Hailstone ...	S. Hailstone
,, Ripon, Yorks.	1800 ...	W. Brunton ...	,,
Newby, near Boroughbridge, Yorks....	1800 ...	Rev. J. Dalton ...	Rev. J .Dalton
1490. Bromus giganteus, Linn.			
Damp woods, etc., from Argyle and Elgin southwards.			
Distrib. Europe, Siberia.			
Sp. Thorp Arch, Yorks.	1842 ...	S. Hailstone ...	S. Hailstone
Castle Howard ,, ...	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1491. Bromus asper, Linn.			
Hedge banks, etc.			
Distrib. Europe, Siberia, introduced N. America.			
Sp. Thorp Arch, Yorks....	1842 ...	S. Hailstone ...	S. Hailstone
Castle Howard ,, ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1492. Bromus erectus, Huds.			
Waste places.			
Distrib. Europe, N. Africa.			
Sp. Summer Castle, Lincs.	1803 ...	Rev. J. Dalton ...	Rev. J. Dalton
Thorp Arch, Yorks.	1844 ...	S. Hailstone ...	S. Hailstone
Bottisham, Cambs.	1845 ...	,, ...	,,
Kirkham, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
Hildenley, near Malton	1810 ...	W. Middleton ...	W. Middleton
1493. Bromus madritensis. Linn.			
Sandy coasts, Southern Counties.			
Distrib. S. Europe, N. Africa.			
Sp. St. Vincent's Rocks, Bristol, Glos. ...	1840 ...	Dr. Wood ...	S. Hailstone
Bottisham, Cambs.	1803 ...	S. Hailstone ...	,,
Bristol, Glos.	1885 ...	H. Fisher ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1495. Bromus sterilis, Linn.			
Waste ground.			
Distrib. Europe, N. Africa, Siberia, introduced N. America.			
Sp. Clifton Ings, York	1886 ...	H. J. Wilkinson...	H. J. Wilkinson
Walls of York	1806 ...	S. Hailstone ...	S. Hailstone
1496. Bromus secalinus, Linn.			
Cornfields and waste places.			
Distrib. Europe, N. Africa, W. Siberia, introduced N. America.			
Sp. Hartlepool, Durham	1810 ...	W. Backhouse ...	S. Hailstone
Hebden Bridge, Yorks.	1840 ...	S. Gibson ...	,,
Market Weighton ,, ...	(1800)...	R. Teesdale ...	Rev. J. Dalton
Grimston, near Malton, Yorks. ...	1807 ...	W. Middleton ...	W. Middleton
1499. Bromus mollis, Linn.			
Meadows and waste ground.			
Distrib. Europe, N. Africa, Siberia, introduced N. America.			
Sp. Clifton Ings, York (var. *glabrescens*) ...	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1500. Bromus arvensis, Linn.			
Introduced but not naturalized.			
Distrib. Europe.			
Sp. Hartlepool, Durham	1810 ...	W. Backhouse ...	S. Hailstone
1501. Brachypodium sylvaticum, R. & S.			
Woods and hedgerows, N. to Orkney.			
Distrib. Europe, N. Africa, Himalaya.			
Sp. Thorp Arch, Yorks.	1844 ...	S. Hailstone ...	S. Hailstone
Bottisham, Cambs.	1845 ...	,, ...	,,
Thorp Arch, Yorks.	1842 ...	O. A. Moore ...	O. A. Moore
Studley (Ripon), Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1502. Brachypodium pinnatum, Beauv.			
Hedgerows, etc., on calcareous soils.			
Distrib. Europe, N. Africa, Siberia.			
Sp. Thorp Arch, Yorks.	1842 ...	S. Hailstone ...	S. Hailstone
Brighton, Sussex	1812 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1503. Lolium perenne, Linn.			
Fields and waste ground.			
Distrib. Europe, N. Africa, W. Asia, N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Brighton, Sussex	1809 ...	W. Middleton ...	W. Middleton
Clifton Ings, York	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1504. Lolium temulentum, Linn.			
A colonist in cultivated ground.			
Distrib. Europe, N. Africa, Siberia, India, introduced N. America.			
Sp. Near Newark, Notts.	1892 ...	H. Fisher ...	H. J. Wilkinson
Dalton, Yorks.	1810 ...	W. Middleton ...	W. Middleton
1506. Triticum caninum, Huds.			
Waste places.			
Distrib. Europe, Siberia, Himalaya, N. America.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near York	1806 ...	S. Hailstone ...	S. Hailstone
Crambe Beck, Castle Howard, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1507. Triticum repens, Beauv.			
Fields and waste places.			
Distrib. Europe, N. Asia, N. Africa, N. America.			
Sp. Coatham, Yorks.	1800 ...	S. Hailstone ...	S. Hailstone
Bottisham, Cambs.	1845 ...	,, ...	,,
1508. Triticum junceum, Beauv.			
Sandy sea shores.			
Distrib. Europe, N. Africa, N. Ameria.			
Sp. Coatham, Yorks.	1799 ...	S. Hailstone ...	S. Hailstone
Withernsea, Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
Yarmouth, Norfolk	1846 ...	S. Hailstone ...	S. Hailstone
1509. Lepturus filiformis. Trin.			
Maritime positions.			
Distrib. W. and S. Europe, N. Africa.			
Sp. Tivolo, Cork	1892 ...	R. A. Phillips ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1510. Nardus stricta, Linn.			
Heaths and dry places.			
Distrib. Europe, Greenland, Azores.			
Sp. Hutton Moor, Yorks....	1800	W. Brunton	Rev. J. Dalton
Strensall ,,	1892	H. J. Wilkinson	H. J. Wilkinson
1511. Hordeum sylvaticum, Huds.			
Woods and chalky soils from Chester and Northumberland to Wilts. and Kent.			
Distrib. Europe, Gothland.			
Sp. Thorp Arch, Yorks.	1832	S. Hailstone	S. Hailstone
Studley, Ripon, Yorks.	1820	Rev. J. Dalton	Rev. J. Dalton
1512. Hordeum pratense, Huds.			
Wet meadows.			
Distrib. Europe, Russia, Siberia, N.W. India, N. America.			
Sp. Clifton Ings, York	1892	H. J. Wilkinson	H. J. Wilkinson
1513. Hordeum murinum, Linn.			
Waste places.			
Distrib. Europe, N. Africa.			
Sp. Foss Islands, York	1882	H. J. Wilkinson	H. J. Wilkinson
1514. Hordeum maritimum, With.			
Sea coasts from Chester and Durham southwards.			
Distrib. Europe, N. Africa.			
Sp. Coatham, Yorks.	1799	S. Hailstone	S. Hailstone
,, ,,	1806	Rev. J. Dalton	Rev. J. Dalton
1515. Elymus arenarius. Linn.			
Sandy sea shores.			
Distrib. Europe, N. Asia, N. America.			
Sp. Hornsea, Yorks.	1790	Teesdale	Rev. J. Dalton
Coatham ,,	1806	Rev. J. Dalton	,,

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	DATE.	COLLECTOR.	HERBARIUM.
1517. Hymenophyllum tunbridgense, Sm.			
Moist rocks from Mull and Argyle southwards, Ireland, Channel Islands.			
Distrib. W. & S. Europe, Canaries, etc.			
Sp. Killarney	(1800) ...	Dr. Taylor ...	Rev. J. Dalton
Sussex	1846 ...	Mr. Way ...	S. Hailstone
Scotland	1820 ...	W. Middleton ...	W. Middleton
Ingleboro', Yorks.	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scotland	1829 ...	S. Hailstone ...	S. Hailstone
1518. Hymenophyllum Wilsoni, Hook.			
Shaded rocks extending to Orkney and Shetland, Ireland.			
Distrib. As *H. tunbridgense.*			
Sp. Cwm Idwall	1808 ...	S. Hailstone ...	S. Hailstone
Kirkby Lonsdale, Westmorland ...	(1840) ...	J. Tatham ...	,,
Lowdore Waterfall	1804 ...	S. Hailstone ...	,,
Ingleboro', Yorks.	1810 ...	Rev. J. Dalton ...	Rev. J. Dalton
1519. Trichomanes radicans, Sm.			
Wet rocks, S. & S.W. Ireland, Wales.			
Distrib. W. Europe, Tropical Africa and America, Himalaya, Japan, Polynesia, various forms.			
Sp. Torc Waterfall, Killarney	1850 ...	Mrs. W. S. Dalton	Rev. J. Dalton
Killarney	(1810) ...	Hooker	,,
1520. Adiantum Capillus-Veneris, Linn.			
Damp rocks, etc., Dorset to Cornwall, Isle of Man, Glamorgan, Ireland.			
Distrib. From France southwards.			
Sp. Port Quin, Cornwall	1895 ...	H. M. Platnauer...	
Cornwall	1840 ...	S. Gibson ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1521. Pteris aquilina, Linn.			
Moors, woods, etc.			
Distrib. Europe, and all temperate and many tropical countries, various forms.			
Sp. Hampstead, Middlesex	1848 ...	Thos. Moore ...	S. Hailstone
1522. Allosorus crispus, Bernh.			
Mountain districts.			
Distrib. Europe, W. Asia, Himalaya.			
Sp. Ben-a-Bourch	1831 ...	R. K. Greville ...	Rev. J. Dalton
Caldron Snout, Teesdale	1824 ...	S. Hailstone ...	S. Hailstone
1523. Blechnum spicant, Linn.			
Woods and banks, etc.			
Distrib. Europe, N.E Asia, Canaries, Japan, N.W. America.			
Sp. Strensall Common, Yorks.	1882 ...	H. J. Wilkinson ...	H. J. Wilkinson
Rombald's Moor ,, ...	1810 ...	S. Hailstone ...	S. Hailstone
Hackfall, Ripon ,, ...	1829 ...	Rev. J. Dalton ...	Rev. J. Dalton
1525. Asplenium lanceolatum, Huds.			
Wet rocks from N. Wales and Glos. southwards, Ireland (Cork).			
Distrib. S. Europe, N. Africa.			
Sp. St. Michael's Mount, Cornwall ...	(1840) ...	Winterbottom ...	B. Baker
Tunbridge Wells, Kent	1810 ...	Borrer	Rev. J. Dalton
Helstone, Cornwall	1820 ...	,, ...	,,
Bristol, Glos.	1830 ...	G. K. Thwaites ...	S. Hailstone
Penzance, Cornwall	1840 ...	S. Gibson ...	,,
Devonshire	1830 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kinsale, co. Cork	1891 ...	R. A. Phillips ...	H. J. Wilkinson
1526. Asplenium Adiantum-nigrum, Linn.			
Rocks, walls, etc.			
Distrib. Europe, N. Africa, Siberia, W. Asia.			
Sp. Plumpton Rocks, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scotland	1809 ...	W. Middleton ...	W. Middleton
Clint Bank	1826 ...	S. Hailstone ...	S. Hailstone
Toller Lane, Bradford, Yorks. ...	1806 ...	,, ...	,,
Derwentwater	1810 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1527. Asplenium marinum, Linn.			
Sea cliffs and caves.			
Distrib. S. Europe, N. Africa, and N. America.			
Sp. Tintagel, Cornwall	(1830) ...	B. Baker ...	B. Baker
Hastings, Sussex	1807 ...	W. Middleton ...	W. Middleton
Black Hall Rocks, Durham	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ,, ...	1820 ...	J. Backhouse ...	S. Hailstone
Oban	1820 ...	S. Hailstone ...	,,
1528. Asplenium viride, Huds.			
Damp rock crevices in mountain dis-districts.			
Distrib. Europe, Siberia, W. Asia, N. America.			
Sp. Caldron Snout, Teesdale, Durham ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Gordale, Yorks.	1883 ...	,, ...	,,
Falcon Clints, Teesdale	1840 ...	Jas. Backhouse ...	S. Hailstone
Near Aberfeldy	1840 ...	S. Hailstone ...	,,
Corra Lynn, Lanarkshire	1820 ...	,, ...	,,
Ingleboro', Yorks.	1799 ...	Rev. J. Dalton ...	Rev. J. Dalton
1529. Asplenium Trichomanes, Linn.			
Walls and rocks.			
Distrib. Europe, N. Africa, N. & W. Asia, N. America and South Temperate Regions.			
Sp. Falcon Clints, Teesdale	1824 ...	S. Hailstone ...	S. Hailstone
Whalley Abbey, Lancs.	1806 ...	,, ...	,,
Teesdale	1807 ...	W. Middleton ...	W. Middleton
Malham, Yorks.	1798 ...	Rev. J. Dalton ...	Rev. J. Dalton
Inverary	1820 ...	S. Hailstone ...	S. Hailstone
Mickley, near Ripon, Yorks. ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
1530. Asplenium Ruta-muraria, Linn.			
Walls and rocks.			
Distrib. Europe, N. & S. Africa, Siberia, N. Asia, N. America.			
Sp. Whalley Abbey, Lancs.	1806 ...	S. Hailstone ...	S. Hailstone
Bradford Church, Yorks.	1807 ...	,, ...	,,
Thorp Arch ,, ...	1831 ...	,, ...	,,
Ingleboro' ,, ...	1798 ...	Rev. J. Dalton ...	Rev. J. Dalton
Kirkham Bridge ,, ...	1812 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1531. Asplenium septentrionale, Hull.			
Walls and rocks, Wales and North Devon.			
Distrib. Europe, Siberia, W. Asia, N. America.			
Sp. Salisbury Crag, Edinbro'	1810 ...	Hooker ...	S. Hailstone
,, ,, ,, ...	1807 ...	Rev. J. Dalton ...	Rev. J. Dalton
,, ,, ,, ...	1916 ...	A. Templeman ...	A. Templeman
1532. Athyrium Filix-fœmina, Roth.			
Moist woods and banks.			
Distrib. Europe, Asia, N. and Tropical America, N. and Tropical Africa.			
Sp. Strensall Common, Yorks.	1890 ...	H. J. Wilkinson...	H. J. Wilkinson
Burscough Bridge, Lancs.	1838 ...	S. Hailstone ...	S. Hailstone
Isle of Man	1841 ...	,, ...	,,
Studley, Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1534. Ceterach officinarum, Willd.			
Rocks and walls.			
Distrib. S. Europe, N. Africa, W. Asia, to Himalaya.			
Sp. Haver Waterfall, near Milnthorpe, Westmorland	1820 ...	S. Hailstone ...	S. Hailstone
Near Bristol, Glos.	1885 ...	H. Fisher ...	H. J. Wilkinson
Malham Tarn, Yorks. ... ... (Ray's Station)	1807 ...	S. Hailstone ...	S. Hailstone
1535. Scolopendrium vulgare, Sm.			
Rocks, copses, etc., North to Shetland.			
Distrib. Europe, N. Africa, Siberia, W. Asia, Japan, N.W. America.			
Sp. Studley, near Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Wilton, near Redcar ,, ...	1806 ...	S. Hailstone ...	S. Hailstone
Near Bingley ,, ...	...	,, ...	,,
Helmsley ,, ...	1820 ...	W. Middleton ...	W. Middleton
Bideford, Devon	1849 ...	Geo. Mawe ...	S. Hailstone
Llandaff, Glamorganshire	1848 ...	Fras. Brent ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1536. Woodsia ilvensis, Br.			
Wet Alpine rocks, Wales and Durham to Forfar.			
Distrib. Europe, N. Asia, Himalaya, N. America.			
Sp. Falcon Clints, Teesdale	1824 ...	S. Hailstone ...	S. Hailstone
Teesdale	1824 ...	Jas. Backhouse ...	,,
1537. Cystopteris fragilis, Bernh.			
Rocks and walls in hilly districts.			
Distrib. Europe, N. Africa, N. & W. Asia, N. America.			
Sp. Hobbies Howe			
Falcon Clints, Teesdale	1811 ...	J. Backhouse ...	S. Hailstone
Malham, Yorks.	1811 ...	,, ...	,,
Scotland	1807 ...	W. Middleton ...	W. Middleton
Gordale, Yorks. (var. *angustata*)	1807 ...	S. Hailstone ...	S. Hailstone
Upper Teesdale (var. *dentata*)	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Arncliff, nr. Malham, Yorks. ,,	1830 ...	S. Hailstone ...	S. Hailstone
Malham ,, ,,	1840 ...	M. Birkbeck ...	,,
Nant-y-Fridd, Wales ,,	1800 ...	Davies	,,
1538. Cystopteris alpina, Desv.			
Rocks in mountain districts.			
Distrib. W. & S. Europe.			
Sp. On a wall at Low Leyton, Essex ...	1832 ...	J. W. Salter ...	S. Hailstone
Cwm Idwall, Snowdon	1826 ...	Prof. Henslow ...	,,
1539. Polystichum Lonchitis, Roth.			
Among Alpine rocks.			
Distrib. Europe, Siberia, W. Asia, Himalaya, N. America.			
Sp. Falcon Clints, Teesdale	1824 ...	S. Hailstone ...	S. Hailstone
,, ,, ,, ...	1810 ...	J. Backhouse ...	,,
Langcliffe, Malham, Yorks.	1834 ...	J. Howson ...	,,
Ben Lawers	1820 ...	W. Middleton ...	W. Middleton
Arncliffe Clouders, Yorks.	1836 ...	Hy. Ibbotson ...	H. J. Wilkinson

	DATE.	COLLECTOR.	HERBARIUM.
1540. Polystichum lobatum, Presl.			
Woods and banks from Orkney southwards.			
Distrib. Europe, W. Asia, N. America, etc.			
Sp. Rokeby, Yorks.	1822 ...	S. Hailstone ...	S. Hailstone
Malham ,, ...	...	M. Birkbeck ...	,,
Ripon ,, ...	1800 ...	W. Brunton ...	Rev. J. Dalton
Hackfall, near Ripon, Yorks. ...	1824 ...	Rev. J. Dalton ...	,,
1541. Polystichum aculeatum, Syme.			
Sp. Yordas Cave, Ingleton, Yorks. ...	1893 ...	H. J. Wilkinson ...	H. J. Wilkinson
Rokeby, Yorks.	1840 ...	S. Hailstone ...	S. Hailstone
Wetherby Grange, Yorks.	1833 ...	,, ...	,,
Caldron Snout, Teesdale	1820 ...	W. J. Hooker ...	Rev. J. Dalton
Coxwold, Yorks.	1892 ...	H. J. Wilkinson...	H. J. Wilkinson
1542. Polystichum angulare, Presl.			
Distrib. As *P. lobatum.*			
Sp. Coxwold (Wass), Yorks.	1892 ...	H. J. Wilkinson ...	H. J. Wilkinson
1543. Lastræa Thelypteris, Presl.			
Bogs and marshes from Forfar southwards.			
Distrib. Europe, N. and S. Africa, Siberia, Himalaya, N. America, New Zealand.			
Sp. The Pulfin, river Hull, Yorks. ...	1896 ...	J. Fraser Robinson	H. J. Wilkinson
Askham Bogs, near York	1806 ...	S. Hailstone ...	S. Hailstone
,, ,, ,, ...	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
1544. Lastræa Oreopteris, Desv.			
Principally in mountain districts.			
Distrib. Europe, W. Asia.			
Sp. Castle Howard, Yorks.	1786 ...	R. Teesdale ...	Rev. J. Dalton
Stockton Common, near York ...	1820 ...	W. Middleton ...	W. Middleton
Ambleside, Westmorland	1836 ...	S. Hailstone ...	S. Hailstone
Sawley Moor, near Ripon, Yorks. ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton

	DATE.	COLLECTOR.	HERBARIUM.
1545. Lastræa Filix-mas, Presl.			
Woods and hedgerows.			
Distrib. Europe, India, N. & S. Africa, S. America (Andes).			
Sp. Dalmahoy Hills			
Langwith, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall ,, ...	1890 ...	,, ...	,,
1546. Lastræa rigida, Presl.			
Mountain districts of Yorks., Lancs., and Westmorland.			
Distrib. Europe, W. Asia, N. America.			
Sp. Settle, Yorks.	1834 ...	S. Hailstone ...	S. Hailstone
Attermire Scar, Settle, Yorks. ...	1830 ...	,, ...	,,
1547. Lastræa cristata, Presl.			
Bogs in Eastern Counties, Notts, Yorks. Cheshire and Lanark.			
Distrib. Europe, W. Siberia, N. America.			
Sp. Oxton Bog, Notts.	1841	Ainley	S. Hailstone
Hickling, Norfolk	1900 ...	A. & J. Bennett...	H. J. Wilkinson
Oxton Bog, Notts.	1898 ...	H. Fisher ...	,,
Askham Bogs, near York	1893 ...	H. J. Wilkinson ...	,,
1548. Lastræa spinulosa, Presl.			
Damp shaded positions.			
Distrib. Europe (excluding Turkey and Greece), N.E. Asia, S. Africa and N. America.			
Sp. Askham Bogs, Yorks.	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
1549. Lastræa dilatata, Presl.			
Woods and damp shaded places from Aberdeen southwards.			
Distrib. As *spinulosa.*			
Sp. Langwith, Yorks.	1890 ..	H. J. Wilkinson ...	H. J. Wilkinson
Hastings, Sussex	1830 ...	S. Hailstone ...	S. Hailstone
Ambleside, Westmorland	1820 ...	,, ...	,,
Coggleshall, Essex	1844 ...	J. M. Gibson ...	,,
Cwm Idwall, Wales	1808 ...	S. Hailstone ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1550. Lastræa æmula, Brack.			
Hilly districts.			
Distrib. Europe, Madeira, Azores.			
Sp. Forge Valley, Scarboro', Yorks. ...	1863 ...	W. Bean... ...	H. J. Wilkinson
1551. Polypodium vulgare, L.			
Walls, banks, and trees.			
Distrib. Europe, N. & S. Africa, Asia, Japan, N. America.			
Sp. Edinburgh			
Conway Castle, Carnarvon	1808 ...	S. Hailstone ...	S. Hailstone
Strensall, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
1552. Polypodium Dryopteris, Linn.			
Dry shaded places from Shetland southwards.			
Distrib. Europe, N. & W. Asia, Himalaya, N. America.			
Sp. Bolton Abbey, Yorks.	1820 ...	S. Hailstone ...	S. Hailstone
Hebden Bridge ,, ...	1820 ...	,, ...	,,
High Force, Teesdale	1822 ...	,, ...	,,
Falcon Clints ,, ...	1824 ...	,, ...	,,
Helmsley, Yorks.	1780 ...	R. Teesdale ...	Rev. J. Dalton
Dallowgill ,, ...	1790 ...	Rev. J. Dalton ...	,,
1553. Polypodium calcareum, Sm.			
On limestone rocks from Perth southwards.			
Distrib.			
Sp. Giggleswick Scars, Settle, Yorks. ...	1834 ...	Jno. Howson ...	S. Hailstone
Whitbarrow Scar, Westmorland ...	1840 ...	S. Hailstone ...	,,
Cheddar, Somerset	1885 ...	H. Fisher ...	H. J. Wilkinson
1554. Polypodium Phegopteris, Linn.			
Shaded places in mountain districts.			
Distrib. Europe, N. and W. Asia, N. America.			
Sp. Dallowgill, Ripon, Yorks.	1824 ...	S. Hailstone ...	S. Hailstone
,, ,, ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley, Yorks.	1790 ...	R. Teesdale ...	,,
Inverary	1809 ...	W. Middleton ...	W. Middleton
Teesdale	1824 ...	S. Hailstone ...	S. Hailstone

	DATE.	COLLECTOR.	HERBARIUM.
1555. Osmunda regalis, Linn.			
Bogs and marshy woods, North to Shetland.			
Distrib. Europe, Africa, N. & W. Asia, China, Japan, North and Tropical America.			
Sp. Askham Bogs, Yorks...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Knaresboro' ,, ...	1791 ...	Rev. J. Dalton ...	Rev. J. Dalton
Scotland	1829 ...	S. Hailstone ...	S. Hailstone
Harrogate	1790 ...	R. Teesdale ...	Rev. J. Dalton
1556. Ophioglossum vulgatum Linn.			
Wet pastures, banks, etc., North to Shetland.			
Distrib. Europe, Madeira, W. Asia, Siberia, N. America, South Temperate Regions.			
Sp. Castle Howard, Yorks.	1786 ...	R. Teesdale ...	Rev. J. Dalton
Copgrove ,, ...	1791 ...	Rev. J. Dalton ...	,,
Clifton Ings ,, ...	1809 ...	W. Middleton ...	W. Middleton
Cliff Hills	1820 ...	S. Hailstone ...	S. Hailstone
1557. Botrychium Lunaria, Sw.			
Pastures and banks, North to Shetland			
Distrib. N. and S. Europe, temperate and cold regions.			
Sp. Cliff Pastures	1820 ...	Hustler	S. Hailstone
Round Howe	1826 ...	S. Hailstone ...	,,
Strensall, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Stockton Common, Yorks.	1809 ...	W. Middleton ...	W. Middleton
Castle Howard ,, ...	1786 ...	R. Teesdale ...	Rev. J. Dalton
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	,,

EQUISETACEÆ.

1558. Equisetum maximum, Lam.			
Shady woods and wet places from Skye southwards.			
Distrib. Europe, N. Africa, W. Asia, N. America.			
Sp. Hampstead, Middlesex	1845 ...	F. Barham ...	S. Hailstone
Castle Howard, Yorks.	1812 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1559. Equisetum arvense, Linn.			
Fields & roadsides, North to Shetland.			
Distrib. Europe, N. Africa, N. Asia, N. America.			
Sp. Bowling Beck, Yorks.	1808 ...	S. Hailstone ..	S. Hailstone
Near York	1820 ...	W. Middleton ..	W. Middleton
Strensall, Yorks.	1890 ...	H. J. Wilkinson ...	H. J. Wilkinson
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
1560. Equisetum pratense, Ehrh.			
Marshes, from Caithness southwards.			
Distrib. Europe, Siberia, N. America.			
Sp. Forfar	1810 ...	W. J. Hooker ...	Rev. J. Dalton
Glen Devon, Perth	1845 ...	Dr. Dewar ...	S. Hailstone
1561. Equisetum sylvaticum, Linn.			
Woods and hedge banks from Shetland southwards.			
Distrib. Europe, N. Asia, N. America.			
Sp. Suett Carr, near Strensall, Yorks. ...	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Stittenham, Yorks.	1883 ...	,, ...	,,
Copgrove ,, ...	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Whitby ,, ...	1810 ...	W. Middleton ...	W. Middleton
Thorp Arch ,, ...	1833 ...	S. Hailstone ...	S. Hailstone
1562. Equisetum palustre, Linn.			
Wet places, North to Shetland.			
Distrib. Europe, N. & W. Asia, N. America.			
Sp. Lagan Canal, Antrim ... ... (var. *polystachyum*)	1847 ...	Dr. Matier ...	S. Hailstone
Burnley, Lancs.	1800 ...	S. Hailstone ...	,,
Near Ripon, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
1563. Equisetum limosum, Sm.			
Lakes and ditches, North to Shetland.			
Distrib. Europe, N. Asia, N. America,			
Sp. Thorp Arch, Yorks.	1833 ...	S. Hailstone ...	S. Hailstone
Near Ripon ,, ...	1800 ...	W. Brunton ...	Rev. J. Dalton
Near York	1820 ...	W. Middleton ...	W. Middleton

	DATE.	COLLECTOR.	HERBARIUM.
1564. Equisetum hyemale, Linn.			
Marshes in woods from Ross to Kent.			
Distrib. Europe, N. Africa, N. Asia, N. America.			
Sp. Thorp Arch, Yorks.	1833 ...	S. Hailstone ...	S. Hailstone
Mackershaw Woods, Ripon, Yorks. ...	1800 ...	W. Brunton ...	,,
Kirkham, near York	1786 ...	R. Teesdale ...	Rev. J. Dalton
Hackfall, near Ripon	1820 ...	Rev. J. Dalton ...	,,
1565. Equisetum trachyodon, Braun.			
Wet places, N. E. Ireland, Scotland.			
Distrib. Germany, Great Britain.			
Sp. Belfast, Ireland	...	Dr. Moore ...	S. Hailstone
1566. Equisetum variegatum, Scheich.			
Sandy shores, etc., from Ross to Devon.			
Distrib. Europe, N. Africa, Siberia, N. America.			
Sp. Coast of Fifeshire	1810 ...	W. Middleton ...	W. Middleton
Near High Force, Teesdale, Durham	1886 ...	H. J. Wilkinson ...	H. J. Wilkinson
Wensleydale, Yorks.	1892 ...	A. Wilkinson ...	,,
Sands of Barrie, Forfar ... ... (var. *arenarium*)	1841 ...	Dr. Dickie ...	S. Hailstone

LYCOPODIACEÆ.

1567. Lycopodium Selago, Linn.			
Mountain moors, etc., from Shetland to Cornwall.			
Distrib. Arctic & N. Temperate Zones of both Hemispheres, New Zealand, Australia, Antarctic America, Central Brazil.			
Sp. Ingleboro', Yorks.	1806 ...	S. Hailstone ...	S. Hailstone
,, ,, ...	1796 ...	Rev. J. Dalton ...	Rev. J. Dalton
Whernside ,, ...	1828 ...	W. Middleton ...	W. Middleton
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Ingleboro', Yorks.	1893 ...	,, ...	,,

	DATE.	COLLECTOR.	HERBARIUM.
1568. Lycopodium inundatum. Linn.			
Wet sandy heaths and bogs from Ross southwards.			
Distrib. Europe, Canada.			
Sp. Copgrove, Yorks.	1790 ...	Rev. J. Dalton ...	Rev. J. Dalton
Near the Tewett Well, Harrogate ...	1800 ...	S. Hailstone ...	S. Hailstone
Near the "Queen's Head" ,, ...	1806 ...	Rev. J. Dalton ...	Rev. J. Dalton
Strensall Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
1569. Lycopodium annotinum, Linn.			
Stony Alpine moors from Orkney to N. Wales and Leicester.			
Distrib. Europe, N. and W. Asia, Himalaya, America.			
Sp. Clova, Forfarshire	1837 ...	J. H. Balfour ...	S. Hailstone
Buttercrambe Woods, Yorks. ...	1912 ...	J. Mennell ...	J. Mennell
1570. Lycopodium clavatum, Linn.			
Moors, etc., in hilly districts, Shetland to Essex.			
Distrib. Arctic and Alpine Zones in both Hemispheres, and mountains of Tropical Asia, Africa, and America.			
Sp. Grantley Moors, Yorks.	1820 ...	Rev. J. Dalton ...	Rev. J. Dalton
Rombalds Moor ,, ...	1807 ...	S. Hailstone ...	S. Hailstone
Ingleboro' ,, ...	1796 ...	Rev. J. Dalton ...	Rev. J. Dalton
Helmsley Moors ,, ...	1820 ...	W. Middleton ...	W. Middleton
1571. Lycopodium alpinum, Linn.			
Alpine moors, Wales and North to Shetland.			
Distrib. Europe, N. and W. Asia, N. America.			
Sp. Ingleboro', Yorks.	1893 ...	H. J. Wilkinson ...	H. J. Wilkinson
Holme Moors ,, ...	1820 ...	S. Hailstone ...	S. Hailstone
Ingleboro' ,, ...	1806 ...	,, ...	,,
Grantley ,, ...	1800 ...	Rev. J. Dalton ...	Rev. J. Dalton
Ingleboro' ,, ...	1796 ...	,, ...	,,

SELAGINELLACEÆ.

	DATE.	COLLECTOR.	HERBARIUM.
1572. Selaginella selaginoides, Gray.			
Marshy ground, Shetland to Lincoln, Wales, etc.			
Distrib. Europe, Siberia, Himalaya, and N. America.			
Sp. Terrington Carr, Yorks.	1780 ...	R. Teesdale ...	Rev. J. Dalton
Copgrove ,, ...	1790 ...	Rev. J. Dalton ..	,,
Near Malham Tarn ,, ...	1806 ...	S. Hailstone ...	S. Hailstone
Teesdale ,, ...	1824 ...	,, ...	,,
1573. Isoetes lacustris, Linn.			
Bottoms of Alpine and Sub-Alpine lakes, etc.			
Distrib. Europe, W. Siberia, N. America.			
Sp. Coniston Water, Lancs.	1800 ...	S. Hailstone ...	S. Hailstone

MARSILEACEÆ.

1574. Pilularia globulifera, Linn.			
Edges of ponds and lakes from Skye southwards.			
Distrib. Europe.			
Sp. Terrington Carr, Yorks.	1780 ...	R. Teesdale ...	Rev. J. Dalton
Yarmouth, Norfolk	1810 ...	W. J. Hooker ...	S. Hailstone
Newton Bog, near Norwich, Norfolk...	1840 ...	Jas. Backhouse ...	S. Hailstone
Skipwith Common, Yorks.	1883 ...	H. J. Wilkinson ...	H. J. Wilkinson
Strensall Common ,, ...	1883 ...	,, ...	,,

END.

INDEX TO THE GENERIC NAMES,

Parts I. to XI.

	No.		No.		No.
Acer	291	Arctium	665	Bupleurum ...	510
Aceras	1177	Arctostaphylos ...	752	Bursa	129
Achillea	632	Arenaria	216	Butomus... ...	1277
Aconitum ...	45	Aristolochia ...	1046	Buxus	1065
Acorus	1268	Armeria	773		
Actæa	46	Arnoseris ...	689	Cakile	146
Actinocarpus ...	1276	Artemisia ...	645	Calamagrostis ...	1432
Adiantum ...	1520	Arum	1267	Calamintha ...	942
Adonis	10	Arundo	1453	Callitriche ...	483
Adoxa	567	Asarum	1045	Calluna	754
Ægopodium ...	527	Asparagus ...	1205	Caltha	37
Æthusa	546	Asperugo ...	812	Camelina ...	117
Agrimonia ...	408	Asperula ...	590	Campanula ...	736
Agropyron ...	1506	Asplenium ...	1525	Cardamine ...	89
Agrostis	1424	Aster	610	Carduus	668
Aira	1437	Astragalus ...	335	Carex	1335
Ajuga	979	Astrantia ...	505	Carlina	664
Alchemilla ...	405	Athyrium ...	1532	Carpinus ...	1079
Alisma	1272	Atriplex	1007	Carum	521
Allium	1211	Atropa	844	Catabrosa ...	1459
Alnus	1078	Avena	1445	Caucalis	559
Alopecurus ...	1409	Azalea	761	Centaurea ...	682
Althæ	253			Centranthus ...	597
Allosorus ...	1522	Ballota	975	Centunculus ...	791
Alyssum	95	Barbarea... ...	80	Cephalanthera ...	597
Ammophila ...	1435	Bartsia	895	Cerastium ...	199
Anagallis ...	788	Bellis	609	Ceratophyllum ...	1144
Anchusa	817	Berberis	48	Ceterach	1534
Andromeda ...	753	Beta	1006	Chamagrostis ...	1423
Anemone... ...	6	Betula	1076	Chærophyllum ...	532
Angelica	550	Bidens	630	Cheiranthus ...	75
Antennaria ...	619	Blackstonia ...	797	Chelidonium ...	62
Anthemis ...	635	Blechnum ...	1523	Chenopodium ...	995
Anthoxanthum ...	1408	Blysmus	1322	Chlora	797
Anthriscus ...	534	Borago	816	Chrysanthemum	639
Anthyllis ...	330	Botrychium ...	1557	Chrysosplenium	456
Antirrhinum ...	864	Brachypodium ...	1501	Cicendia... ...	796
Apera	1428	Brassica	119	Cichorium ...	688
Apium	515	Briza	1463	Cicuta	520
Aquilegia ...	43	Bromus	1490	Circæa	499
Arabis	83	Bryonia	501	Cladium	1333
Arbutus	750	Buda	234	Claytonia ..	237

	No.		No.		No.
Clematis	1	Elisma	1274	Helleborus ...	40
Cnicus	671	Elodea	1149	Heracleum ...	555
Cochlearia ...	103	Elymus	1515	Herminium ...	1182
Colchicum ...	1228	Empetrum ...	1143	Herniaria ...	988
Conium	508	Epilobium ...	488	Hesperis	108
Conopodium ...	530	Epimedium ...	49	Hieracium ...	698
Convallaria ...	1209	Epipactis ...	1164	Hierochloe ...	
Convolvulus ...	835	Equisetum ...	1558	Hippocrepis ...	342
Corallorhiza ...	1154	Eranthis	42	Hippophae ...	1049
Cornus	565	Erica	755	Hippuris ...	479
Coronopus ...	130	Erigeron ...	612	Holcus	1443
Corrigola ...	991	Eriocaulon ...	1303	Holosteum ...	198
Corynephorus ...	1439	Eriophorum ...	1324	Hordeum ...	1511
Corydalis ...	63	Erodium	279	Hottonia ...	774
Corylus	1080	Erophila	102	Humulus ...	1070
Cotoneaster ...	443	Eryngium ...	503	Hutchinsia ...	143
Cotyledon ...	466	Erysimum ...	115	Hydrocharis ...	1150
Crambe	145	Erythræa ...	798	Hydrocotyle ...	502
Cratægus ...	442	Euonymus ...	287	Hymenophyllum	1517
Crepis	693	Eupatorium ...	607	Hyoscyamus ...	846
Crithmum ...	539	Euphorbia ...	1054	Hypericum ...	242
Crocus	1191	Euphrasia ...	894	Hypochæris ...	712
Cryptogramme ...	1522	Exacum	796	Hypopitys ...	768
Cucubalus ...	191				
Cuscuta	838	Fagopyrum ...	1031	Iberis	141
Cyclamen ...	781	Fagus	1083	Ilex	286
Cynoglossum ...	811	Festuca	1483	Illecebrum ...	987
Cynodon	1451	Filago	615	Impatiens ...	285
Cynosurus ...	1455	Fœniculum ...	538	Inula	625
Cyperus	1304	Fragaria ...	392	Iris	1189
Cypripedium ...	1188	Frankenia ...	173	Isatis	144
Cystopteris ...	1537	Fraxinus... ...		Isoetes	1573
Cytisus	298	Fritillaria ...	1225	Jasione	732
		Fumaria	66	Juncus	1232
Dactylis	1462			Juniperus ...	1146
Damasonium ...	1276	Gagea	1227		
Daphne	1047	Galanthus ...	1201	Kobresia ...	1334
Datura	845	Galeopsis ...	962	Koeleria	1457
Daucus	557	Galium	577		
Delphinium ...	44	Gastridium ...		Lactuca	719
Deschampsia ...	1437	Genista	293	Lagurus	1436
Deyeuxia ...	1434	Gentiana ...	803	Lamium	968
Dianthus ...	174	Geranium ...	267	Lapsana	690
Digitalis	873	Geum	389	Lastræa	1543
Diotis	634	Gladiolus ...		Lathræa	914
Diplotaxis ...	126	Glaucium ...	59	Lathyrus ...	355
Dipsacus ...	602	Glaux	787	Lavatera... ...	255
Doronicum ...	652	Glyceria	1474	Lemna	1269
Draba	97	Gnaphalium ...	621	Leontodon ...	715
Drosera	476	Goodyera ...	1160	Leonurus ...	967
Dryas	388	Gymnadeniia ...	1183	Lepidium ...	132
				Lepturus	1509
Echium	833	Habenaria ...	1184	Leucojum ...	1202
Elatine	240	Hedera	564	Ligusticum ...	549
Eleocharis ...	1306	Helianthemum ...	152	Ligustrum ...	793

	No.
Lilium	1223
Limnanthemum	808
Limosella ...	871
Linaria	853
Linnæa	572
Linum	262
Liparis	1153
Listera	1156
Lithospermum ...	830
Littorella ...	986
Lloydia	
Lobelia	730
Loiseleuria ...	761
Lolium	1503
Lomaria	1523
Lonicera	573
Lotus	331
Ludwigia ...	497
Luzula	1255
Lychnis	192
Lycopodium ...	1567
Lycopsis	819
Lycopus	937
Lysimachia ...	782
Lythrum... ...	486
Maianthemum ...	1208
Malaxis	1152
Malva	256
Marrubium ...	955
Matricaria ...	642
Mathiola ...	73
Meconopsis ...	58
Medicago ...	303
Melampyrum ...	900
Melica	1460
Melilotus ...	310
Melittis	954
Mentha	923
Menyanthes ...	807
Menziesia ...	762
Mercurialis ...	1066
Meum	548
Mibora	1423
Microcala ...	
Milium	1416
Mimulus	870
Molinia	1458
Moneses	767
Montia	238
Monotropa ...	768
Muscari	
Myosotis ...	822
Myosurus ...	11
Myrica	1075
Myriophyllum ...	480
Myrrhis	531
Narcissus ...	1198
Nardus	1510
Narthecium ...	1229
Nasturtium ...	78
Neottia	1155
Nepeta	949
Nymphæa ...	52
Nuphar	50
Œnanthe ...	540
Œnothera ...	498
Onobrychis ...	343
Ononis	299
Onopordon ...	678
Ophioglossum ...	1556
Ophrys	1178
Orchis	1168
Origanum ...	938
Ornithogalum ...	1220
Ornithopus ...	340
Orobanche ...	904
Osmunda ...	1555
Oxalis	282
Oxyria	1032
Oxytropis ...	338
Pæonia	47
Panicum	1401
Papaver	53
Parietaria ...	1074
Paris	1231
Parnassia ...	458
Pedicularis ...	897
Peplis	485
Petasites... ...	650
Peucedanum ...	551
Phalaris	1407
Phegopteris ...	
Phleum	1417
Phragmites ...	1453
Physospermum ...	507
Phyteuma ...	734
Picris	691
Pilularia	1574
Pimpinella ...	528
Pinguicula ...	918
Pinus	
Plantago ...	982
Poa	1465
Polemonium ...	810
Polycarpon ...	236
Polygala	168
Polygonatum ...	1206
Polygonum ...	1018
Polypodium ...	1551
Polypogon ...	1429
Polystichum ...	1539
Populus	1141
Potamogeton ...	1281
Potentilla ...	393
Poterium ...	409
Primula	775
Prunella	953
Prunus	365
Psamma	1435
Pteris	1521
Pulicaria... ...	628
Pulmonaria ...	821
Pyrola	763
Pyrus	437
Quercus	1081
Radiola	266
Ranunculus ...	12
Raphanus ...	147
Reseda	149
Rhamnus ...	289
Rhinanthus ...	899
Ribes	459
Rœmeria... ...	61
Romulea	1196
Rosa	411
Rubia	576
Rubus	372
Rumex	1035
Ruscus	1204
Rynchospora ...	1330
Sagina	226
Sagittaria ...	1275
Salicornia ...	1013
Salix	1084
Salsola	1017
Salvia	947
Sambucus ...	568
Samolus	792
Sanicula	506
Saponaria ...	180
Satureja	941
Saussurea ...	680
Saxifraga ...	444
Scabiosa	604
Scandix	533
Scheuchzeria ...	1280
Schœnus	1332
Scilla	1217

	No.		No.		No.
Scirpus	1309	Stachys	956	Triodia	1452
Scleranthus ...	992	Staphylea ...	288	Trisetum ...	
Scolopendrium ...	1535	Statice	769	Triticum ..	1506
Scrophularia ...	866	Stellaria	209	Trollius	39
Scutellaria ...	951	Stipa	1431	Tulipa	1226
Sedum	467	Stratiotes ...	1151	Tussilago ...	649
Selaginella ...	1572	Suæda	1015	Typha	1262
Senecio	653	Subularia ...	118		
Serratula ...	681	Symphytum ...	813	Ulex	296
Seseli	537			Ulmus	1068
Sesleria	1454	Tamarix	239	Urtica	1071
Setaria	1404	Tamus	1203	Utricularia ...	915
Sherardia ...	593	Tanacetum ...	644		
Sibthorpia ...	872	Taraxacum ...	718	Vaccinium ...	745
Sieglingia ...	1452	Taxus	1148	Valeriana ...	594
Silaus	547	Teesdalia ...	142	Valerianella ...	598
Silene	181	Teucrium ...	976	Verbascum ...	847
Silybum	679	Thalictrum ...	2	Verbena	922
Simethis	1210	Thesium	1051	Veronica ...	874
Sison	524	Thlaspi	138	Viburnum ...	570
Sisymbrium ...	109	Thymus	939	Vicia	344
Sisyrinchium ...	1197	Tilia	259	Villarsia	808
Sium	525	Tillæa	465	Vinca	794
Smyrnium ...	509	Tofieldia	1230	Viola	157
Solanum	842	Tordylium ...	556	Viscum	368
Solidago	608	Tragopogon ...	728		
Sonchus	724	Trichomanes ...	1519	Wahlenbergia ...	733
Sparganium ...	1264	Trichonema ...	1196	Woodsia	1535
Spartina	1406	Trientalis ...	786		
Specularia ...	744	Trifolium ...	312	Zannichellia ...	1301
Spergula... ...	231	Triglochin ...	1278	Zostera	1302
Spiræa	369	Trigonella ...	302		
Spiranthes ...	1158	Trinia	514		

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